



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

GROUNDWATER - SURFACE WATER
DATA TRANSMITTAL

April 30, 2024

Mr. Mark Drews, P.G.
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, WI 53188

VIA E-MAIL and U.S. MAIL

KPRG Project No. 11717

Re: Groundwater - Surface Water Data Transmittal
Former Navistar/RMG Foundry - 1401 Perkins Avenue, Waukesha, WI
BRRTS # 02-68-098404

Dear Mr. Drews:

The quarterly groundwater/surface water sampling was completed in the March 2024 by KPRG and Associates, Inc. (KPRG). The most recent and historic groundwater elevations are summarized in Table 1. The analytical data are summarized in Tables 2 and 3 along with data from the previous nine quarters for each monitoring point. A site map showing well locations is provided on Figure 1. A groundwater flow map and TCE isoconcentration map are also provided in Figures 2 and 3, respectively. The analytical data package is provided in the Attachment.

One well was not sampled this round. Well MW-32 was damaged and impacted by surface debris during demolition associated with the foundry decommission and will be properly abandoned before being replaced.

If there are any questions, please contact Ferdinand Alido of Navistar at 331-332-6364 or Richard Gnat of KPRG at 262-781-0475.

Sincerely,
KPRG and Associates, Inc.

Richard R. Gnat, P.G.
Principal

Kaelyn Sperle
Project Geologist

cc: Ferdinand Alido, Navistar, Inc.
Timothy Stohner, P.E., KPRG

FIGURES



LEGEND

MW-31 MONITORING WELL

NAVISTAR PROPERTY LINE

0 200'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G KPRG and Associates, inc.

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

SITE MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200' Date: January 29, 2024

KPRG Project No. 11717 **FIGURE 1**

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LEGEND

- GROUNDWATER FLOW LINE
- GROUNDWATER CONTOUR LINE
- NOT MEASURED
- MW-31 * SAMPLED MONITORING WELL INSTALLED BY KPRG
- NMW-1 * SAMPLED EXISTING MONITORING WELL

0 200'
APPROXIMATE SCALE

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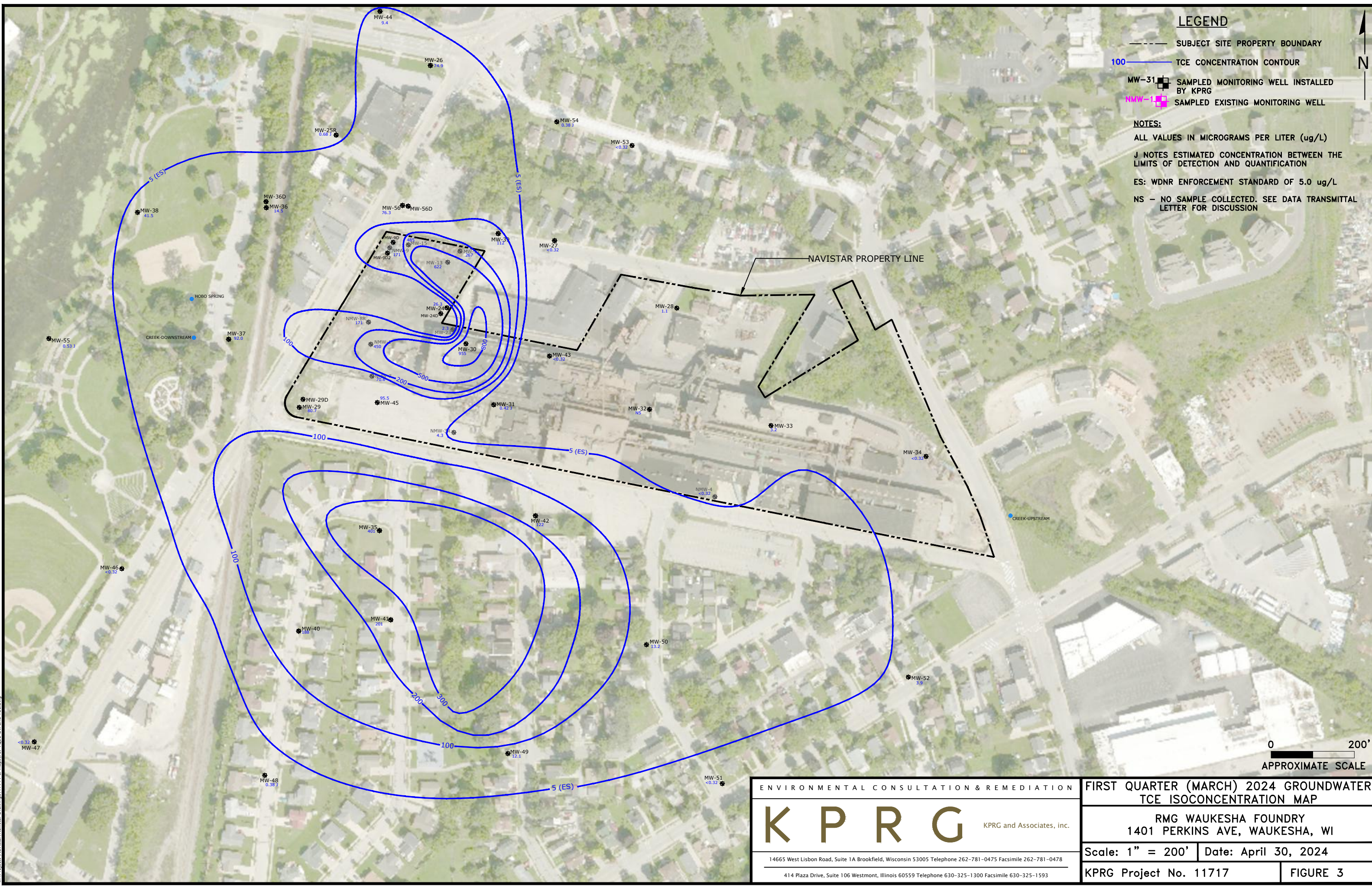
March 2024 GROUNDWATER FLOW MAP

RMG WAUKESHA FOUNDRY
1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200' Date: April 29, 2024

KPRG Project No. 11717 FIGURE 2

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LEGEND

- SUBJECT SITE PROPERTY BOUNDARY
- 100 TCE CONCENTRATION CONTOUR
- MW-31 [Symbol] SAMPLED MONITORING WELL INSTALLED BY KPRG
- NMW-1 [Symbol] SAMPLED EXISTING MONITORING WELL

NOTES:
 ALL VALUES IN MICROGRAMS PER LITER (ug/L)
 J NOTES ESTIMATED CONCENTRATION BETWEEN THE LIMITS OF DETECTION AND QUANTIFICATION
 ES: WDNR ENFORCEMENT STANDARD OF 5.0 ug/L
 NS - NO SAMPLE COLLECTED. SEE DATA TRANSMITTAL LETTER FOR DISCUSSION

ENVIRONMENTAL CONSULTATION & REMEDIATION

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FIRST QUARTER (MARCH) 2024 GROUNDWATER TCE ISOCONCENTRATION MAP

RMG WAUKESHA FOUNDRY
 1401 PERKINS AVE, WAUKESHA, WI

Scale: 1" = 200' Date: April 30, 2024

KPRG Project No. 11717 FIGURE 3

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TABLES

Table 1. Summary of Groundwater Elevations - RMG Foundry, Waukesha, WI

Well ID	Ground Surface Elevation	Top of Casing Elevation	12/6/2021		3/21/2022		9/19/2022		12/12/2022		3/13/2023		6/12/2023		9/15/2023		12/1/2023		3/11/2024	
			Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation	Depth to Groundwater	Groundwater Elevation
NMW-1	831.62	831.31	17.95	813.36	18.74	812.57	16.00	815.31	16.84	814.47	16.23	815.08	17.12	814.19	17.19	814.12	17.09	814.22	16.57	814.74
NMW-3R	831.80	831.48	8.80	822.68	8.75	822.73	7.81	823.67	8.48	823.00	7.69	823.79	8.80	822.68	8.81	822.67	8.69	822.79	7.73	823.75
NMW-4	NM	841.07	12.55	828.52	12.52	828.55	10.27	830.80	11.89	829.18	10.63	830.44	11.17	829.90	12.08	828.99	12.15	828.92	10.97	830.10
NMW-7	831.81	831.55	15.68	815.87	15.19	816.36	14.03	817.52	14.99	816.56	14.10	817.45	15.39	816.16	15.23	816.32	15.22	816.33	14.42	817.13
NMW-8R	831.69	831.36	18.92	812.44	18.78	812.58	16.90	814.46	18.37	812.99	17.21	814.15	18.62	812.74	18.69	812.67	18.55	812.81	17.99	813.37
NMW-9	832.27	831.89	19.23	812.66	19.30	812.59	17.30	814.59	18.99	812.90	17.61	814.28	19.21	812.68	19.35	812.54	19.18	812.71	18.46	813.43
MW-9D	832.27	831.86	19.11	812.75	19.47	812.39	17.53	814.33	17.67	814.19	17.11	814.75	18.18	813.68	20.19	811.67	19.16	812.70	17.85	814.01
MW-9D2	832.33	832.01	20.75	811.26	21.51	810.50	17.90	814.11	19.10	812.91	17.48	814.53	18.49	813.52	19.24	812.77	18.65	813.36	18.31	813.70
MW-11	832.40	831.61	18.04	813.57	17.65	813.96	15.46	816.15	17.45	814.16	15.43	816.18	17.60	814.01	17.76	813.85	17.61	814.00	16.31	815.30
MW-13	832.53	832.20	18.58	813.62	18.23	813.97	16.29	815.91	18.22	813.98	16.25	815.95	18.38	813.82	18.50	813.70	18.36	813.84	17.06	815.14
MW-15	832.29	831.81	19.38	812.43	19.20	812.61	17.21	814.60	18.93	812.88	17.56	814.25	19.14	812.67	19.31	812.50	19.10	812.71	18.42	813.39
MW-16	831.94	831.66	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
MW-23	832.62	832.36	13.91	818.45	13.74	818.62	12.89	819.47	13.95	818.41	12.91	819.45	14.27	818.09	14.37	817.99	14.14	818.22	13.34	819.02
MW-24	832.39	831.95	14.63	817.32	14.45	817.50	14.17	817.78	14.67	817.28	14.11	817.84	15.48	816.47	15.78	816.17	15.52	816.43	14.12	817.83
MW-24D	832.38	831.96	19.22	812.74	19.26	812.70	16.95	815.01	17.20	814.76	16.81	815.15	17.86	814.10	18.38	813.58	18.05	813.91	17.58	814.38
MW-25	832.05	831.69	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MW-25R	832.05	831.53	NI	NI	NI	NI	17.94	813.59	17.99	813.54	18.24	813.29	19.02	812.51	18.80	812.73	18.73	812.80	18.54	812.99
MW-26	832.12	831.76	19.40	812.36	19.18	812.58	18.06	813.70	19.06	812.70	18.41	813.35	19.14	812.62	19.31	812.45	NM	NM	18.76	813.00
MW-27	832.67	832.33	17.71	814.62	17.27	815.06	14.68	817.65	16.81	815.52	14.88	817.45	16.25	816.08	17.39	814.94	17.77	814.56	15.97	816.36
MW-28	835.76	835.37	9.81	825.56	9.61	825.76	8.33	827.04	9.32	826.05	8.34	827.03	9.61	825.76	9.67	825.70	9.63	825.74	8.88	826.49
MW-29	831.61	831.26	18.52	812.74	18.29	812.97	16.41	814.85	18.08	813.18	16.59	814.67	18.39	812.87	18.48	812.78	18.29	812.97	17.18	814.08
MW-29D	831.61	831.14	13.21	817.93	15.60	815.54	12.01	819.13	11.42	819.72	10.91	820.23	11.32	819.82	12.12	819.02	11.77	819.37	10.97	820.17
MW-30	835.70	835.45	16.99	818.46	15.96	819.49	15.60	819.85	16.61	818.84	15.42	820.03	16.84	818.61	16.47	818.98	16.13	819.32	16.00	819.45
MW-31	832.84	832.49	7.90	824.59	6.65	825.84	5.25	827.24	5.85	826.64	4.36	828.13	6.82	825.67	7.23	825.26	7.40	825.09	4.85	827.64
MW-32	835.12	834.73	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MW-33	836.07	835.79	5.24	830.55	5.12	830.67	3.29	832.50	4.06	831.73	3.07	832.72	3.85	831.94	4.36	831.43	4.26	831.53	3.41	832.38
MW-34	840.07	839.70	7.71	831.99	7.72	831.98	5.82	833.88	6.61	833.09	5.54	834.16	6.25	833.45	7.12	832.58	6.91	832.79	5.86	833.84
MW-35	832.09	831.83	9.61	822.22	9.32	822.51	9.10	822.73	9.27	822.56	8.97	822.86	9.57	822.26	9.64	822.19	9.54	822.29	8.89	822.94
MW-36	816.91	816.46	4.75	811.71	6.70	809.76	3.18	813.28	4.09	812.37	3.38	813.08	4.71	811.75	4.86	811.60	4.55	811.91	3.59	812.87
MW-36D	817.05	816.87	NI	NI	NI	NI	1.84	815.03	2.90	813.97	3.71	813.16	2.78	814.09	3.45	813.42	3.30	813.57	1.92	814.95
MW-37	820.29	819.92	7.96	811.96	8.01	811.91	6.49	813.43	7.79	812.13	6.27	813.65	8.18	811.74	8.19	811.73	7.99	811.93	6.94	812.98
MW-38	814.08	813.68	2.51	811.17	2.36	811.32	1.72	811.96	2.22	811.46	1.60	812.08	1.60	812.08	2.70	810.98	2.52	811.16	1.91	811.77
MW-39	832.59	832.18	18.47	813.71	17.86	814.32	15.78	816.40	17.69	814.49	15.84	816.34	17.84	814.34	18.19	813.99	17.96	814.22	16.58	815.60
MW-40	831.87	831.49	10.41	821.08	9.92	821.57	9.52	821.97	9.96	821.53	9.57	821.92	10.48	821.01	10.52	820.97	10.28	821.21	9.62	821.87
MW-41	833.53	833.21	9.82	823.39	9.58	823.63	9.32	823.89	9.46	823.75	9.16	824.05	9.79	823.42	9.88	823.33	9.78	823.43	9.12	824.09
MW-42	832.13	831.87	6.25	825.62	5.98	825.89	5.56	826.31	5.69	826.18	5.28	826.59	5.96	825.91	6.07	825.80	6.11	825.76	5.73	826.14
MW-43	834.18	833.89	8.71	825.18	8.40	825.49	6.41	827.48	8.12	825.77	NM	NM	NM	NM	8.34	825.55	8.24	825.65	7.15	826.74
MW-44	827.66	827.44	15.13	812.31	14.88	812.56	13.99	813.45	14.82	812.62	14.28	813.16	14.89	812.55	15.06	812.38	14.91	812.53	14.55	812.89
MW-45	831.89	831.50	13.33	818.17	13.20	818.30	12.52	818.98	12.96	818.54	12.32	819.18	13.17	818.33	13.19	818.31	13.06	818.44	12.65	818.85
MW-46	823.27	822.97	11.18	811.79	9.75	813.22	7.69	815.28	9.61	813.36	7.97	815.00	10.04	812.93	10.21	812.76	9.80	813.17	8.84	814.13
MW-47	822.76	822.34	10.95	811.39	10.12	812.22	9.53	812.81	10.12	812.22	9.77	812.57	10.88	811.46	11.00	811.34	10.63	811.71	9.79	812.55
MW-48	833.65	833.43	10.96	822.47	10.15	823.28	9.43	824.00	10.27	823.16	9.45	823.98	10.84	822.59	10.92	822.51	10.54	822.89	9.60	823.83
MW-49	836.97	836.85	6.78	830.07	6.66	830.19	5.60	831.25	5.95	830.90	5.65	831.20	5.96	830.89	6.36	830.49	6.35	830.50	5.96	830.89
MW-50	846.64	846.53	15.99	830.54	16.04	830.49	13.61	832.92	14.52	832.01	13.47	833.06	13.99	832.54	15.09	831.44	15.20	831.33	14.50	832.03
MW-51	853.87	853.67	21.38	832.29	21.54	832.13	19.46	834.21	15.48	838.19	19.22	834.45	19.23	834.44	20.31	833.36	20.62	833.05	20.23	833.44
MW-52	850.57	850.16	16.98	833.18	17.06	833.10	16.71	833.45	20.00	830.16	15.03	835.13	15.28	834.88	16.30	833.86	16.31	833.85	15.69	834.47
MW-53	834.67	834.56	12.00	822.56	11.71	822.85	10.40	824.16	11.25	823.31	10.36	824.20	11.59	822.97	12.00	822.56	11.68	822.88	15.34	819.22
MW-54	833.76	833.46	16.31	817.15	15.97	817.49	15.00	818.46	15.61	817.85	14.82	818.64	15.67	817.79	16.05	817.41	15.91	817.55	10.89	822.57
MW-55	812.55	812.34	1.96	810.38	0.85	811.49	0.25	812.09	0.50	811.84	0.03	812.31	0.03	812.31	1.41	810.93	1.03	811.31	0.50	811.84
MW-56	832.33	831.79	NI	NI	NI	NI	17.11	814.68	18.81	812.98	17.44	814.35	19.02	812.77	19.18	812.61	18.99	812.80	18.28	813.51
MW-56D	832.45	832.01	NI	NI	NI	NI	17.06	814.95	18.04	813.97	17.00	815.01	18.25	813.76	18.56	813.45	18.14	813.87	17.28	814.73

Notes: Depths are in feet below top of casing. Elevations are in feet above mean sea level.

Dry - MW-16 is obstructed and dry.

NI - Not Installed

NM - Not Measured

X - Well Abandoned or Destroyed

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		NMW-1								
Parameter	Date	PAL	ES	12/9/2021	3/23/2022	9/19/2022	12/13/2022	3/16/2023	6/19/2023	9/21/2023	12/5/2023	3/19/2024
1,1,1-Trichloroethane		40	200	<u>40.5</u>	<u>47</u>	<u>75.5</u>	<u>72.6</u>	<u>90.6</u>	<u>87.1</u>	<u>85.3</u>	<u>75.6</u>	<u>67.1</u>
1,1,2-Trichloroethane		0.5	5	<0.86	<0.86	<0.86	<0.86	<1.4	<1.4	<1.4	<1.4	<1.4
1,1-Dichloroethane		85	850	13.9	13.5	20.6	24.1	26.4	28.8	25.6	26.3	27.6
1,1-Dichloroethene		0.7	7	<u>3.7</u>	<u>4.5</u>	<1.5	<u>3.5</u>	<u>3.3 J</u>	<u>9.1</u>	<u>9.3</u>	<u>4.4</u>	<2.3
1,2-Dichloroethane		0.5	5	<0.73	<0.73	<0.73	<0.73	<1.2	<1.2	<1.2	<1.2	<1.2
cis-1,2-Dichloroethene		7	70	3.4	2.9	4.8	4.8	3.7 J	5.2	4.1	5.0	4.6
trans-1,2-Dichloroethene		20	100	<1.3	<1.3	<1.3	<1.3	<2.1	<2.1	<2.1	<2.1	<2.1
Tetrachloroethene		0.5	5	<1.0	<1.0	<1.0	<1.0	<1.6	<1.6	<1.6	<1.6	<1.6
Trichloroethene		0.5	5	<u>260</u>	<u>230</u>	<u>402</u>	<u>436</u>	<u>470</u>	<u>555</u>	<u>496</u>	<u>505</u>	<u>450</u>
Vinyl chloride		0.02	0.2	<0.44	<0.44	<0.44	<0.44	<0.70	<0.70	<0.70	<0.70	<0.70

Well No.		WDNR NR 140 Standards		NMW-3R								
Parameter	Date	PAL	ES	12/17/2021	3/28/2022	9/21/2022	12/19/2022	3/17/2023	6/16/2023	9/20/2023	12/7/2023	3/12/2024
1,1,1-Trichloroethane		40	200	2.2	0.68 J	0.47 J	<0.30	<0.30	0.34 J	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	2.3	1.1	1.7	1.3	0.91 J	1.6	1.3	0.99 J	0.60 J
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	5.0	3.3	3.5	2.8	<0.41	5.3	5.9	5.2	3.1
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	2.0	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.53	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>23.2</u>	<u>7.4</u>	<u>7.3</u>	<u>4.0</u>	<u>3.2</u>	<u>7.2</u>	<u>7.1</u>	<u>7.1</u>	<u>4.3</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		NMW-4								
Parameter	Date	PAL	ES	12/9/2021	3/24/2022	9/20/2022	12/15/2022	3/16/2023	6/19/2023	9/22/2023	12/8/2023	3/19/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		NMW-7								
Parameter	Date	PAL	ES	12/9/2021	3/23/2022	9/19/2022	12/13/2022	3/16/2023	6/19/2023	9/22/2023	12/8/2023	3/19/2024
1,1,1-Trichloroethane		40	200	11.2	11.1	11.7	10.4	12.9	19.1	23.4	11.6	8.0
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	4.8	2.9	3.5	3.0	3.8	6.0	7.0	4.3	3.2
1,1-Dichloroethene		0.7	7	<u>1.2</u>	<u>1.6</u>	<u>1.4</u>	<u>1.9</u>	<u>1.4</u>	<u>2.7</u>	<u>2.8</u>	<u>2.1</u>	<u>1.2</u>
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	1.4	0.94 J	1.2	1.2	1.2	1.6	1.8	1.5	0.80 J
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>94.9</u>	<u>82.7</u>	<u>76.5</u>	<u>118</u>	<u>84.1</u>	<u>145</u>	<u>186</u>	<u>132</u>	<u>70.6</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<u>0.93 J</u>	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		NMW-8R								
Parameter	Date	PAL	ES	12/9/2021	3/23/2022	9/19/2022	12/13/2022	3/16/2023	6/19/2023	9/22/2023	12/5/2023	3/19/2024
1,1,1-Trichloroethane		40	200	20.5	30.3	30.8	31.9	<u>60.1</u>	26.6	28.4	23.5	37.9
1,1,2-Trichloroethane		0.5	5	<0.69	<0.69	<0.69	<0.34	<0.34	<1.4	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	8.1	10.6	8.5	5.9	15.9	11.6	6.4	10.2	14
1,1-Dichloroethene		0.7	7	<u>1.7 J</u>	<u>3.0</u>	<1.2	<0.58	<u>1.0</u>	<2.3	<0.58	<u>2.9</u>	<0.58
1,2-Dichloroethane		0.5	5	<0.58	<0.58	<0.58	<0.29	<0.29	<1.2	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	2.6	3.1	<u>9.1</u>	0.76 J	<u>12.3</u>	3.7 J	0.61 J	3.1	2.8
trans-1,2-Dichloroethene		20	100	<1.1	<1.1	<1.1	<0.53	1.2	<2.1	<0.53	<0.53	0.53 J
Tetrachloroethene		0.5	5	<0.82	<0.82	<0.82	<0.41	<0.41	<1.6	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>140</u>	<u>154</u>	<u>160</u>	<u>57.3</u>	<u>279</u>	<u>191</u>	<u>55.5</u>	<u>196</u>	<u>171</u>
Vinyl chloride		0.02	0.2	<0.35	<0.35	<0.35	<0.17	<0.17	<0.70	<0.70	<0.17	<0.17

Well No.		WDNR NR 140 Standards		NMW-9								
Parameter	Date	PAL	ES	3/22/2022	7/21/2022	9/19/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023	12/4/2023	3/13/2024
1,1,1-Trichloroethane		40	200	31.9	25.3	10.4	30.8	34.5	28.4	25.5	13.4	16.2
1,1,2-Trichloroethane		0.5	5	<1.7	<0.34	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<0.34
1,1-Dichloroethane		85	850	16.2	7.6	4.3 J	19.7	20.7	22.9	15.6	11.6	10.4
1,1-Dichloroethene		0.7	7	<u>4.3 J</u>	<0.58	<2.9	<u>4.2 J</u>	<2.9	<2.9	<2.9	<2.9	<0.58
1,2-Dichloroethane		0.5	5	<1.5	<0.29	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<0.29
cis-1,2-Dichloroethene		7	70	<u>27.8</u>	<u>8.1</u>	6.0	<u>18.8</u>	<u>15.6</u>	<u>17.6</u>	<u>13.8</u>	<u>10.2</u>	5.3
trans-1,2-Dichloroethene		20	100	<2.6	<0.53	<2.6	<2.6	<2.6	2.7 J	<2.6	<2.6	0.69 J
Tetrachloroethene		0.5	5	<2.0	<0.41	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.41
Trichloroethene		0.5	5	<u>623</u>	<u>234</u>	<u>240</u>	<u>751</u>	<u>692</u>	<u>696</u>	<u>575</u>	<u>355</u>	<u>171</u>
Vinyl chloride		0.02	0.2	<0.87	<0.17	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.17

Well No.		WDNR NR 140 Standards		MW-9D								
Parameter	Date	PAL	ES	12/9/2021	3/22/2022	9/20/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023	12/4/2023	3/13/2024
1,1,1-Trichloroethane		40	200	<0.30	9.9	13.3	0.89 J	0.35 J	1.4	1.7	<0.30	1.1
1,1,2-Trichloroethane		0.5	5	<0.34	<1.4	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	3.2	9.5	10.5	1.9	1.0	2.1	2.2	<0.30	1.8
1,1-Dichloroethene		0.7	7	<u>3.2</u>	<u>3.5 J</u>	<u>4.9</u>	<u>0.92 J</u>	<0.58	<u>1.0</u>	<u>1.0</u>	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<1.2	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>21.4</u>	<u>38.5</u>	<u>41.1</u>	<u>9.2</u>	5.9	<u>9.1</u>	<u>8.9</u>	<u>10.3</u>	6.8
trans-1,2-Dichloroethene		20	100	1.6	3.4 J	2.6	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<1.6	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>69.7</u>	<u>256</u>	<u>295</u>	<u>48.8</u>	<u>33.2</u>	<u>63</u>	<u>72.0</u>	<u>10.0</u>	<u>49.9</u>
Vinyl chloride		0.02	0.2	<0.17	<0.70	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-9D2								
Parameter	Date	PAL	ES	12/9/2021	3/22/2022	9/19/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023	12/4/2023	3/13/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	1.1	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	2.1	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	0.67 J	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<u>12.3</u>	<u>18.6</u>	<u>17.1</u>	<u>7.3</u>	5.4	<u>7.7</u>	<u>11.5</u>
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>1.2</u>	<u>1.1</u>	<u>31.1</u>	<u>21.7</u>	<u>18.2</u>	<u>19.9</u>	<u>8.6</u>	<u>59.7</u>	<u>7.7</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-11								
Parameter	Date	PAL	ES	3/22/2022	7/21/2022	9/20/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023	12/4/2023	3/13/2024
1,1,1-Trichloroethane		40	200	18.2	7.8	7.3	5.2	7.0	9.4	2.3	6.0	10.2
1,1,2-Trichloroethane		0.5	5	<1.4	<0.69	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	10.7	6.8	5.7	5.3	5.5	9.1	2.0	6.3	<0.29
1,1-Dichloroethene		0.7	7	<2.3	<1.2	<u>2.3</u>	<u>0.93 J</u>	<u>1.8</u>	<u>3.3</u>	<0.58	<u>1.8</u>	<0.58
1,2-Dichloroethane		0.5	5	<1.2	<0.58	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>49.9</u>	<u>7.9</u>	<u>11.6</u>	<u>13.2</u>	<u>8.3</u>	<u>16.9</u>	<u>7.4</u>	<u>10.9</u>	<u>9.0</u>
trans-1,2-Dichloroethene		20	100	4.3	<1.1	0.56 J	0.98 J	<0.53	<0.53	<0.53	<0.53	0.93 J
Tetrachloroethene		0.5	5	<1.6	<0.82	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>449</u>	<u>191</u>	<u>258</u>	<u>193</u>	<u>196</u>	<u>271</u>	<u>68.7</u>	<u>188</u>	<u>267</u>
Vinyl chloride		0.02	0.2	<0.70	<0.35	<0.17	<u>0.23 J</u>	<0.17	<u>0.23 J</u>	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-13								
Parameter	Date	PAL	ES	3/22/2022	7/21/2022	9/20/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023	12/4/2023	3/13/2024
1,1,1-Trichloroethane		40	200	<u>63.6</u>	23.5	12.6	17.9	6.9	23.7	11.4	17.4	23.4
1,1,2-Trichloroethane		0.5	5	<3.4	<3.4	<1.7	<1.7	<1.7	<0.86	<1.7	<1.7	<1.7
1,1-Dichloroethane		85	850	71.6	30	13.9	23.2	6.7	29.1	11.9	16.4	30.1
1,1-Dichloroethene		0.7	7	<u>20.2</u>	<u>11.4</u>	<2.9	<2.9	<2.9	<u>9.2</u>	<2.9	<u>5.2</u>	<2.9
1,2-Dichloroethane		0.5	5	<2.9	<2.9	<1.5	<1.5	<1.5	<0.73	<1.5	<1.5	<1.5
cis-1,2-Dichloroethene		7	70	<u>97.1</u>	<u>56.8</u>	<u>26.0</u>	<u>38.1</u>	<u>13.5</u>	<u>64.5</u>	<u>21.8</u>	<u>30.2</u>	<u>46.8</u>
trans-1,2-Dichloroethene		20	100	6.5J	<5.3	<2.6	4.7 J	<2.6	4.4	<2.6	<2.6	6.5
Tetrachloroethene		0.5	5	<4.1	<4.1	<2.0	<2.0	<2.0	<1.0	<2.0	<2.0	<2.0
Trichloroethene		0.5	5	<u>2190</u>	<u>1100</u>	<u>602</u>	<u>939</u>	<u>300</u>	<u>1070</u>	<u>407</u>	<u>699</u>	<u>622</u>
Vinyl chloride		0.02	0.2	<1.7	<1.7	<0.87	<0.87	<0.87	<u>1.2 J</u>	<0.87	<0.87	<0.87

Well No.		WDNR NR 140 Standards		MW-15								
Parameter	Date	PAL	ES	3/22/2022	7/21/2022	9/20/2022	12/12/2022	3/17/2023	6/16/2023	9/21/2023	12/4/2023	3/13/2024
1,1,1-Trichloroethane		40	200	32	29.6	<u>47.3</u>	<u>54.7</u>	<u>60.1</u>	<u>62.1</u>	30.0	21.2	25.0
1,1,2-Trichloroethane		0.5	5	<0.86	<1.7	<1.7	<3.4	<3.4	<3.4	<3.4	<3.4	<1.7
1,1-Dichloroethane		85	850	16	<1.5	22.9	38.3	38.2	41.9	18.4	17.2	17.5
1,1-Dichloroethene		0.7	7	<u>5.4</u>	<2.9	<u>6.7</u>	<u>13.0</u>	<u>13.4</u>	<u>17.2</u>	<u>9.0 J</u>	<u>6.8 J</u>	<2.9
1,2-Dichloroethane		0.5	5	<0.73	<1.5	<1.5	<2.9	<2.9	<2.9	<2.9	<2.9	<1.5
cis-1,2-Dichloroethene		7	70	<u>31.7</u>	5.6	<u>22.4</u>	<u>30.2</u>	<u>27.1</u>	<u>27.2</u>	<u>14.1</u>	<u>13.1</u>	<u>13.6</u>
trans-1,2-Dichloroethene		20	100	1.6J	13.3	<2.6	<5.3	<5.3	<5.3	<5.3	<5.3	<2.6
Tetrachloroethene		0.5	5	<1.0	<2.0	<2.0	<4.1	<4.1	<4.1	<4.1	<4.1	<2.0
Trichloroethene		0.5	5	<u>709</u>	<u>219</u>	<u>1,110</u>	<u>1,380</u>	<u>1,270</u>	<u>1380</u>	<u>602</u>	<u>524</u>	<u>485</u>
Vinyl chloride		0.02	0.2	<0.44	<0.87	<0.87	<1.7	<1.7	<1.7	<1.7	<1.7	<0.87

Well No.		WDNR NR 140 Standards		MW-23								
Parameter	Date	PAL	ES	12/8/2021	3/23/2022	9/20/2022	12/13/2022	3/20/2023	6/19/2023	9/22/2023	12/4/2023	3/19/2024
1,1,1-Trichloroethane		40	200	16.1	209	0.45J	0.35 J	<0.30	<0.30	0.51 J	0.41 J	<0.30
1,1,2-Trichloroethane		0.5	5	<0.69	<13.8	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	6.6	74.1	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<u>3.7</u>	<23.3	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.58	<11.7	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>14.0</u>	<u>31.0 J</u>	1.8	3.0	1.6	2.4	5.2	4.2	1.1
trans-1,2-Dichloroethene		20	100	<1.1	<21.1	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.82	<16.3	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>318</u>	<u>3,220</u>	<u>10.6</u>	<u>10.8</u>	<u>3.2</u>	<u>5.5</u>	<u>19.2</u>	<u>15.2</u>	<u>2.3</u>
Vinyl chloride		0.02	0.2	<0.35	<7.0	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard
Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event
 J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-24								
Parameter	Date	PAL	ES	12/8/2021	3/22/2022	9/20/2022	12/13/2022	3/17/2023	6/16/2023	9/21/2023	12/4/2023	3/14/2024
1,1,1-Trichloroethane		40	200	<u>169</u>	<u>167</u>	12.1	12.6	<0.30	6.8	38.3	<0.30	1.8
1,1,2-Trichloroethane		0.5	5	<8.6	<8.6	<0.34	<0.34	<0.34	<0.34	<0.86	<0.34	<0.34
1,1-Dichloroethane		85	850	68.6	68	5.6	3.8	<0.30	4.8	27.4	<0.30	1.3
1,1-Dichloroethene		0.7	7	36.0	<14.6	<0.58	<0.58	<0.58	<0.58	<1.5	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<7.3	<7.3	<u>1.3</u>	<u>0.97 J</u>	<0.29	<0.29	<0.73	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>61.6</u>	<u>41.4</u>	<u>25.7</u>	1.3	1.2	<u>11.2</u>	<u>27.8</u>	1.6	1.9
trans-1,2-Dichloroethene		20	100	<13.2	<13.2	4.4	<0.53	<0.53	1.1	3.0	<0.53	<0.53
Tetrachloroethene		0.5	5	<10.2	<10.2	<0.41	<0.41	<0.41	<0.41	<1.0	<0.41	<0.41
Trichloroethene		0.5	5	<u>3.020</u>	<u>2.830</u>	<u>65.1</u>	<u>4.5</u>	<u>15.1</u>	<u>96.6</u>	<u>596</u>	<u>6.9</u>	<u>26.3</u>
Vinyl chloride		0.02	0.2	<4.4	<4.4	<0.17	<0.17	<0.17	<0.17	<0.44	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-24D								
Parameter	Date	PAL	ES	12/8/2021	3/22/2022	9/20/2022	12/13/2022	3/17/2023	6/16/2023	9/21/2023	12/4/2023	3/14/2024
1,1,1-Trichloroethane		40	200	<0.30	0.40J	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	0.68 J	1.2	2.1	2.5	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	5.0	5.4	<u>15.6</u>	<u>14.2</u>	<0.47	1.1	0.60 J	0.74 J	1.2
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	0.71 J	0.55 J	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>2.1</u>	<u>3.4</u>	<u>2.7</u>	<u>3.6</u>	0.34 J	0.48 J	<u>0.59 J</u>	<u>0.57 J</u>	<u>0.64 J</u>
Vinyl chloride		0.02	0.2	<0.17	0.23 J	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-25 / MW-25R								
Parameter	Date	PAL	ES	3/22/2022	7/21/2022	9/22/2022	12/16/2022	3/15/2023	6/15/2023	9/18/2023	12/5/2023	3/12/2024
1,1,1-Trichloroethane		40	200	This well was not accessible and therefore a sample was not collected.	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850		<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7		<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5		<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70		<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100		<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5		<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5		<0.32	<0.32	<0.32	<0.32	<0.32	<u>0.62 J</u>	<u>1.1</u>	<u>0.68 J</u>
Vinyl chloride		0.02	0.2		<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-26								
Parameter	Date	PAL	ES	12/7/2021	3/25/2022	9/22/2022	12/19/2022	3/15/2023	6/15/2023	9/18/2023	12/6/2023	3/12/2024
1,1,1-Trichloroethane		40	200	0.54 J	1.5	1.3	1.9	1.9	1.6	1.2	2.0	2.2
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	0.42 J	1.9	1.6	2.2	2.4	1.9	1.5	3.5	3.4
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	0.61 J	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	0.92 J	6.3	5.7	4.1	5.5	3.8	5.1	5.9	4.9
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	0.70 J	<0.53	<0.53	<0.53	<0.53	<0.53	0.72 J
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>18.5</u>	<u>36.1</u>	<u>48.7</u>	<u>77.3</u>	<u>71.0</u>	<u>69.7</u>	<u>47.3</u>	<u>77.0</u>	<u>74.9</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<u>0.30 J</u>	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-27								
Parameter	Date	PAL	ES	12/13/2021	3/28/2022	9/22/2022	12/14/2022	3/20/2023	6/14/2023	9/20/2023	12/7/2023	3/12/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	0.73 J	<0.30	<0.30	0.98 J	<0.30	3.7	0.84 J	1.8	0.45 J
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<u>8.3</u>	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	16.2	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-28								
Parameter	Date	PAL	ES	3/23/2022	9/21/2022	12/15/2022	3/20/2023	6/19/2023	9/21/2023	12/8/2023	12/8/2023	3/18/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	1.9	0.85 J	<0.47	2.0	1.6	1.6	1.0
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<u>0.72 J</u>	<0.41	<u>0.54 J</u>	<u>0.63 J</u>	<u>0.80 J</u>	<u>0.80 J</u>	<u>0.62 J</u>
Trichloroethene		0.5	5	<0.32	0.33 J	<u>1.5</u>	<u>0.54 J</u>	<u>1.0</u>	<u>1.7</u>	<u>1.5</u>	<u>1.5</u>	<u>1.1</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-29								
Parameter	Date	PAL	ES	12/13/2021	3/24/2022	9/21/2022	12/14/2022	3/17/2023	6/15/2023	9/20/2023	12/7/2023	3/15/2024
1,1,1-Trichloroethane		40	200	31.0	35.7	20.7	19.4	10.8	13.5	9.2	7.6	10.7
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	12.8	13.8	5.6	6.5	3.9	5.1	2.9	4.1	5.3
1,1-Dichloroethene		0.7	7	<u>3.7</u>	<u>4.0</u>	<u>1.7</u>	<u>2.2</u>	<u>0.97 J</u>	<u>1.2</u>	0.58 J	<u>1.00</u>	<u>0.94 J</u>
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>9.0</u>	<u>7.9</u>	4.7	5.8	3.5	5.0	3.3	4.5	4.6
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	221	191	146	156	76.4	119	79.8	85.0	80.7
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-29D								
Parameter	Date	PAL	ES	12/13/2021	3/24/2022	9/21/2022	12/14/2022	3/17/2023	6/15/2023	9/20/2023	12/7/2023	3/15/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-30								
Parameter	Date	PAL	ES	12/9/2021	3/23/2022	9/20/2022	12/13/2022	3/16/2023	6/19/2023	9/22/2023	12/4/2023	3/19/2024
1,1,1-Trichloroethane		40	200	<u>119</u>	204	<u>46.3</u>	<u>107</u>	<u>112</u>	<u>185</u>	<u>186</u>	<u>167</u>	35.1
1,1,2-Trichloroethane		0.5	5	<13.8	<13.8	<3.4	<3.4	<6.9	<6.9	<6.9	<6.9	<6.9
1,1-Dichloroethane		85	850	49.7	73.5	26.1	63.2	63.2	<u>125</u>	<u>129</u>	<u>148</u>	33.1
1,1-Dichloroethene		0.7	7	<23.3	30.7 J	16.3	32.6	21.1	32.3	30.4	42.1	15.2 J
1,2-Dichloroethane		0.5	5	<11.7	<11.7	<2.9	<2.9	<5.8	<5.8	<5.8	<5.8	<5.8
cis-1,2-Dichloroethene		7	70	<u>24.0 J</u>	<u>29.5 J</u>	<u>37.4</u>	<u>31.0</u>	<u>25</u>	<u>35.2</u>	<u>34.4</u>	<u>37.0</u>	<u>24.1</u>
trans-1,2-Dichloroethene		20	100	<21.1	<21.1	<5.3	<5.3	<10.6	<10.6	<10.6	<10.6	<10.6
Tetrachloroethene		0.5	5	<16.3	<16.3	<4.1	<4.1	<8.2	<8.2	<8.2	<8.2	<8.2
Trichloroethene		0.5	5	<u>2.090</u>	<u>3.280</u>	<u>1.420</u>	<u>2.240</u>	<u>2.010</u>	<u>3.620</u>	<u>3.290</u>	<u>3.250</u>	<u>955</u>
Vinyl chloride		0.02	0.2	<7.0	<7.0	<1.7	<1.7	<3.5	<3.5	<3.5	<3.5	<3.5

Well No.		WDNR NR 140 Standards		MW-31								
Parameter	Date	PAL	ES	12/9/2021	3/23/2022	9/19/2022	12/13/2022	3/16/2023	6/19/2023	9/22/2023	12/8/2023	3/19/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>1.4</u>	<u>0.81 J</u>	<u>0.87 J</u>	0.36 J	<0.32	0.34 J	<u>0.68 J</u>	<u>0.74 J</u>	0.42 J
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-32								
Parameter	Date	PAL	ES	12/7/2021	3/9/2022	9/19/2022	12/13/2022	3/16/2023	6/14/2023	9/20/2023	12/8/2023	3/19/2024
1,1,1-Trichloroethane		40	200	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.
1,1,2-Trichloroethane		0.5	5									
1,1-Dichloroethane		85	850									
1,1-Dichloroethene		0.7	7									
1,2-Dichloroethane		0.5	5									
cis-1,2-Dichloroethene		7	70									
trans-1,2-Dichloroethene		20	100									
Tetrachloroethene		0.5	5									
Trichloroethene		0.5	5									
Vinyl chloride		0.02	0.2									

Well No.		WDNR NR 140 Standards		MW-33								
Parameter	Date	PAL	ES	12/8/2021	3/29/2022	9/21/2022	12/19/2022	3/16/2023	6/19/2023	9/20/2023	12/8/2023	3/19/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	2.3	2.3	2.6	1.8	<0.47	<0.47	<0.47	<0.47	1.0
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>15.5</u>	<u>7.7</u>	<u>11.3</u>	<u>7.7</u>	<0.32	<0.32	<0.32	<0.32	<u>3.2</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification

L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-34								
Parameter	Date	PAL	ES	12/8/2021	3/24/2022	9/21/2022	12/15/2022	3/20/2023	6/19/2023	9/20/2023	12/8/2023	3/18/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-35								
Parameter	Date	PAL	ES	12/10/2021	3/24/2022	9/23/2022	12/16/2022	3/14/2023	6/14/2023	9/19/2023	12/5/2023	3/18/2024
1,1,1-Trichloroethane		40	200	<u>58.8</u>	<u>44.2</u>	<u>43.5</u>	19.1	<u>43.1</u>	<u>42.6</u>	<u>56.7</u>	<u>46.2</u>	<u>59.0</u>
1,1,2-Trichloroethane		0.5	5	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
1,1-Dichloroethane		85	850	23.4	17	17.8	11.6	16.1	19.6	21.8	24.6	23.9
1,1-Dichloroethene		0.7	7	<u>5.7</u>	<u>4.5</u>	<u>5.3</u>	<u>3.3</u>	<u>4.7</u>	<u>2.8</u>	<u>4.8</u>	<u>6.2</u>	<u>5.5</u>
1,2-Dichloroethane		0.5	5	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
cis-1,2-Dichloroethene		7	70	<u>10.4</u>	<u>8.0</u>	<u>10.9</u>	<u>9.5</u>	<u>9.5</u>	<u>10.4</u>	<u>10.6</u>	<u>10.8</u>	<u>8.0</u>
trans-1,2-Dichloroethene		20	100	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Tetrachloroethene		0.5	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene		0.5	5	<u>415</u>	<u>283</u>	<u>329</u>	<u>202</u>	<u>288</u>	<u>343</u>	<u>377</u>	<u>399</u>	<u>401</u>
Vinyl chloride		0.02	0.2	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44

Well No.		WDNR NR 140 Standards		MW-36								
Parameter	Date	PAL	ES	3/25/2022	7/21/2022	9/22/2022	12/14/2022	3/15/2023	6/13/2023	9/18/2023	12/5/2023	3/11/2024
1,1,1-Trichloroethane		40	200	7.1	12.6	20.4	4.8	6.9	17.5	28.7	9.5	1.3
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	3.1	3.7	6.3	1.5	2.4	8.1	13.1	5.4	<0.30
1,1-Dichloroethene		0.7	7	<u>1.2</u>	<0.58	<u>1.4</u>	<0.58	<0.58	<u>2.1</u>	<u>4.1</u>	<u>1.8</u>	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	2.9	<u>7.2</u>	<u>7.4</u>	2.5	2.7	<u>10</u>	<u>12.9</u>	6.9	0.54 J
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	0.76 J	<0.53	<0.53	0.95 J	0.80 J	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>66.3</u>	<u>79.6</u>	<u>147</u>	<u>41.4</u>	<u>59.5</u>	<u>219</u>	<u>277</u>	<u>134</u>	<u>14.5</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-36D						
Parameter	Date	PAL	ES	9/22/2022	12/14/2022	3/15/2023	6/13/2023	9/18/2023	12/5/2023	3/11/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-37								
Parameter	Date	PAL	ES	12/7/2021	3/25/2022	9/22/2022	12/14/2022	3/15/2023	6/13/2023	9/25/2023	12/5/2023	3/11/2024
1,1,1-Trichloroethane		40	200	26.3	26.6	23.4	24.7	23.5	24.3	23.4	19.4	12.7
1,1,2-Trichloroethane		0.5	5	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane		85	850	12.4	13.1	9.4	12.2	9.5	10.7	8.9	9.0	5.9
1,1-Dichloroethene		0.7	7	<u>1.8 J</u>	<u>1.8 J</u>	<1.2	<u>2.6</u>	<u>1.5 J</u>	<1.2	<u>1.8 J</u>	<1.2	<1.2
1,2-Dichloroethane		0.5	5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene		7	70	4.2	5.5	3.7	3.8	4.2	3.9	3.7	4.0	4.7
trans-1,2-Dichloroethene		20	100	<1.1	1.1 J	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene		0.5	5	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethene		0.5	5	<u>178</u>	<u>161</u>	<u>156</u>	<u>149</u>	<u>148</u>	<u>162</u>	<u>164</u>	<u>159</u>	<u>92.0</u>
Vinyl chloride		0.02	0.2	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Well No.		WDNR NR 140 Standards		MW-38								
Parameter	Date	PAL	ES	12/7/2021	3/25/2022	9/22/2022	12/14/2022	3/15/2023	6/15/2023	9/18/2023	12/5/2023	3/11/2024
1,1,1-Trichloroethane		40	200	10.1	1.6	<0.30	0.98 J	0.51 J	<0.30	4.0	<0.30	2.9
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	5.3	1.6	<0.30	1.1	1.1	<0.30	3.0	0.47 J	2.4
1,1-Dichloroethene		0.7	7	<u>1.2</u>	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>7.9</u>	<u>8.6</u>	<0.47	5.6	5.3	<0.47	<u>7.4</u>	3.5	6.0
trans-1,2-Dichloroethene		20	100	1.6	0.57 J	<0.53	<0.53	<0.53	<0.53	1.6	<0.53	0.96 J
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>138</u>	<u>25.4</u>	<u>0.56 J</u>	<u>9.2</u>	<u>7.0</u>	<u>0.51 J</u>	<u>53.0</u>	<u>3.0</u>	<u>41.5</u>
Vinyl chloride		0.02	0.2	<0.17	<u>1.9</u>	<0.17	<u>2.7</u>	<u>3.1</u>	<0.17	<0.17	<u>1.6</u>	<u>0.31 J</u>

Well No.		WDNR NR 140 Standards		MW-39								
Parameter	Date	PAL	ES	3/28/2022	7/21/2022	9/22/2022	12/14/2022	3/20/2023	6/13/2023	9/20/2023	12/8/2023	3/12/2024
1,1,1-Trichloroethane		40	200	3.7	8.5	3.3	<0.30	6.4	<0.30	28.2	2.3	2.9
1,1,2-Trichloroethane		0.5	5	<0.69	<0.69	<0.69	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	2.7	6.0	2.8	<0.30	6.8	<0.30	29.2	3.8	3.3
1,1-Dichloroethene		0.7	7	<1.2	<u>1.9 J</u>	<1.2	<0.58	<u>2.0</u>	<0.58	<u>10.6</u>	<u>1.3</u>	<u>0.81 J</u>
1,2-Dichloroethane		0.5	5	<0.58	<0.58	<0.58	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>10.9</u>	<u>15</u>	<u>8.8</u>	0.50 J	<u>13.4</u>	<0.47	<u>45.8</u>	<u>8.2</u>	<u>10.7</u>
trans-1,2-Dichloroethene		20	100	<1.1	<1.1	<1.1	<0.53	<0.53	<0.53	1.5	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.82	<0.82	<0.82	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>124</u>	<u>308</u>	<u>135</u>	<u>7.4</u>	<u>186</u>	<u>3.5</u>	<u>962</u>	<u>149</u>	<u>112</u>
Vinyl chloride		0.02	0.2	<0.35	<0.35	<0.35	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-40								
Parameter	Date	PAL	ES	12/10/2021	3/28/2022	9/23/2022	12/15/2022	3/14/2023	6/14/2023	9/19/2023	12/6/2023	3/18/2024
1,1,1-Trichloroethane		40	200	29.7	30.4	33	34.0	35.7	31.4	34.6	26.3	31.2
1,1,2-Trichloroethane		0.5	5	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane		85	850	11.1	10	10.6	13.2	12.9	12	11.9	11.7	11.4
1,1-Dichloroethene		0.7	7	<u>3.5</u>	<u>2.7</u>	<u>3.5</u>	<u>3.8</u>	<u>3.3</u>	<u>2.9</u>	<u>2.7</u>	<u>2.3</u>	<u>2.7</u>
1,2-Dichloroethane		0.5	5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene		7	70	5.5	5.8	6.0	<u>7.6</u>	<u>8.8</u>	5.8	5.9	5.9	5.9
trans-1,2-Dichloroethene		20	100	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene		0.5	5	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethene		0.5	5	<u>168</u>	<u>175</u>	<u>182</u>	<u>206</u>	<u>205</u>	<u>194</u>	<u>196</u>	<u>184</u>	<u>188</u>
Vinyl chloride		0.02	0.2	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-41								
Parameter	Date	PAL	ES	12/10/2021	3/24/2022	9/23/2022	12/16/2022	3/14/2023	6/13/2023	9/25/2023	12/6/2023	3/18/2024
1,1,1-Trichloroethane		40	200	25.1	<u>53.9</u>	24.5	<u>55.8</u>	<u>45.6</u>	<u>46.2</u>	36.8	39.2	36.3
1,1,2-Trichloroethane		0.5	5	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane		85	850	10.2	16.9	8.8	19.8	12.5	15.8	10.1	15.0	13.0
1,1-Dichloroethene		0.7	7	<u>2.5</u>	<u>4.6</u>	<u>2.7</u>	<u>6.0</u>	<u>4.8</u>	<u>2.2</u>	<u>3.6</u>	<u>4.2</u>	<u>3.0</u>
1,2-Dichloroethane		0.5	5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene		7	70	3.0	2.7	4.0	4.5	3.8	4.0	2.3	2.7	2.3
trans-1,2-Dichloroethene		20	100	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene		0.5	5	<0.82	<0.82	<u>0.85 J</u>	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethene		0.5	5	<u>153</u>	<u>225</u>	<u>149</u>	<u>296</u>	<u>244</u>	<u>262</u>	<u>222</u>	<u>254</u>	<u>201</u>
Vinyl chloride		0.02	0.2	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35

Well No.		WDNR NR 140 Standards		MW-42								
Parameter	Date	PAL	ES	12/9/2021	3/24/2022	9/21/2022	12/15/2022	3/14/2023	6/14/2023	9/19/2023	12/6/2023	3/18/2024
1,1,1-Trichloroethane		40	200	<u>73.4</u>	<u>52</u>	<u>75</u>	<u>50.6</u>	30.4	30.3	<u>53.2</u>	32.0	20.5
1,1,2-Trichloroethane		0.5	5	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
1,1-Dichloroethane		85	850	31.5	19.3	19.7	13.7	7.7	9.4	12.8	15.0	8.5
1,1-Dichloroethene		0.7	7	<u>7.8</u>	<u>6.5</u>	<u>6.7</u>	<u>5.2</u>	<u>2.7</u>	<u>2.5</u>	<u>3.8</u>	<u>4.9</u>	<u>1.7 J</u>
1,2-Dichloroethane		0.5	5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
cis-1,2-Dichloroethene		7	70	<u>8.0</u>	6.1	<u>8.0</u>	6.4	5.5	3.5	4.9	5.1	3.3
trans-1,2-Dichloroethene		20	100	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Tetrachloroethene		0.5	5	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
Trichloroethene		0.5	5	<u>409</u>	<u>228</u>	<u>412</u>	<u>331</u>	<u>200</u>	<u>212</u>	<u>309</u>	<u>237</u>	<u>122</u>
Vinyl chloride		0.02	0.2	<u>1.0 J</u>	<u>3.7</u>	<u>3.0</u>	<u>2.7</u>	<u>2.1</u>	<u>0.96 J</u>	<u>1.2 J</u>	<u>1.0 J</u>	<0.35

Well No.		WDNR NR 140 Standards		MW-43									
Parameter	Date	PAL	ES	12/8/2021	3/23/2022	9/21/2022	12/13/2022	3/14/2023	6/14/2023	9/22/2023	12/8/2023	3/19/2024	
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	This well was not accessible and therefore a sample was not collected.	This well was not accessible and therefore a sample was not collected.	<0.30	<0.30	<0.30	
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34			<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	0.36 J	<0.30	<0.30	<0.30			<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58			<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29			<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>8.3</u>	0.55 J	<0.47	<0.47			<0.47	<0.47	<0.47	0.77 J
trans-1,2-Dichloroethene		20	100	0.91 J	<0.53	<0.53	<0.53			<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41			<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<0.32	<0.32	<0.32	<0.32			<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<u>12.5</u>	<u>4.7</u>	<u>0.82 J</u>	<u>0.57 J</u>			<0.17	<0.17	<0.17	<u>1.4</u>

Well No.		WDNR NR 140 Standards		MW-44								
Parameter	Date	PAL	ES	12/7/2021	3/28/2022	9/22/2022	12/19/2022	3/15/2023	6/15/2023	9/18/2023	12/6/2023	3/12/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	0.48 J	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	1.1	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	0.52 J	<0.47	<0.47	<0.47	<0.47	<0.47	1.2	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>2.2</u>	<u>2.2</u>	<u>2.5</u>	<u>1.5</u>	<u>0.52 J</u>	<u>0.74 J</u>	<u>6.2</u>	<u>14.2</u>	<u>9.4</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-45								
Parameter	Date	PAL	ES	12/13/2021	3/24/2022	9/21/2022	12/15/2022	3/17/2023	6/16/2023	9/20/2023	12/7/2023	3/12/2024
1,1,1-Trichloroethane		40	200	12.7	17.7	9.9	2.0	12.6	2.0	7.3	3.2	8.5
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	12.8	13.7	11.3	2.3	5.9	3.7	7.7	4.8	5.6
1,1-Dichloroethene		0.7	7	<u>2.2</u>	<u>2.2</u>	<u>2.1</u>	<u>0.77 J</u>	<u>2.0</u>	<u>1.1</u>	<u>1.7</u>	<u>1.5</u>	<u>1.0</u>
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>39.3</u>	<u>30.5</u>	<u>24.7</u>	6.1	<u>16.0</u>	5.6	<u>32.0</u>	<u>18.8</u>	<u>13.6</u>
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	0.62 J	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>149</u>	<u>140</u>	<u>165</u>	<u>48.8</u>	<u>105</u>	<u>82.4</u>	<u>141</u>	<u>125</u>	<u>95.5</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-46								
Parameter	Date	PAL	ES	12/7/2021	3/28/2022	9/22/2022	12/16/2022	3/15/2023	6/15/2023	9/18/2023	12/5/2023	3/15/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-47								
Parameter	Date	PAL	ES	12/7/2021	3/25/2022	9/22/2022	12/16/2022	3/15/2023	6/15/2023	9/18/2023	12/5/2023	3/15/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-48								
Parameter	Date	PAL	ES	12/10/2021	3/24/2022	9/23/2022	12/15/2022	3/14/2023	6/14/2023	9/19/2023	12/6/2023	3/18/2024
1,1,1-Trichloroethane		40	200	0.45 J	<0.30	<0.30	0.45 J	<0.30	0.46 J	0.66 J	0.42 J	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>1.4</u>	<u>0.61 J</u>	<u>0.68 J</u>	<u>1.6</u>	<0.32	<u>1.7</u>	<u>2.6</u>	<u>1.7</u>	0.38 J
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-49								
Parameter	Date	PAL	ES	12/10/2021	3/28/2022	9/23/2022	12/15/2022	3/14/2023	6/14/2023	9/20/2023	12/6/2023	3/18/2024
1,1,1-Trichloroethane		40	200	28.4	3.6	<u>42.5</u>	<u>15.7</u>	4.7	<u>48.4</u>	<u>44.3</u>	32.2	2.2
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.69	<0.34
1,1-Dichloroethane		85	850	7.4	0.71 J	10.8	3.9	1.5	15	12.1	11.3	0.86 J
1,1-Dichloroethene		0.7	7	<u>2.8</u>	<0.58	<u>3.9</u>	<u>1.7</u>	<0.58	<u>5.1</u>	<u>3.8</u>	<u>3.0</u>	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.58	<0.29
cis-1,2-Dichloroethene		7	70	1.2	<0.47	1.9	0.63 J	<0.47	2.1	1.7	1.7 J	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<1.1	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.82	<0.41
Trichloroethene		0.5	5	<u>144</u>	<u>17.3</u>	<u>216</u>	<u>92.4</u>	<u>25.2</u>	<u>276</u>	<u>220</u>	<u>195</u>	<u>12.1</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.17

Well No.		WDNR NR 140 Standards		MW-50								
Parameter	Date	PAL	ES	12/10/2021	3/28/2022	9/23/2022	12/15/2022	3/15/2023	6/14/2023	9/19/2023	12/7/2023	3/18/2024
1,1,1-Trichloroethane		40	200	0.32 J	1.1	<0.30	2.0	1.1	2.7	4.2	1.4	1.3
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	0.34 J	1.1	<0.30	0.96 J	0.71 J	1.9	2.0	0.79 J	0.77 J
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>9.2</u>	<u>15.0</u>	<u>5.3</u>	<u>21.0</u>	<u>11.3</u>	<u>26.8</u>	<u>32.5</u>	<u>19.2</u>	<u>13.2</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-51								
Parameter	Date	PAL	ES	12/10/2021	3/28/2022	9/23/2022	12/15/2022	3/14/2023	6/14/2023	9/19/2023	12/8/2023	3/15/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-52								
Parameter	Date	PAL	ES	12/10/2021	3/28/2022	9/23/2022	12/15/2022	3/14/2023	6/14/2023	9/19/2023	12/6/2023	3/15/2024
1,1,1-Trichloroethane		40	200	1.2	2.5	0.40 J	0.35 J	0.55 J	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	0.35 J	0.50 J	<0.30	<0.30	<0.30	0.31 J	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	0.69 J	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>4.8</u>	<u>6.5</u>	<u>4.6</u>	<u>5.0</u>	<u>5.2</u>	<u>5.6</u>	<u>3.5</u>	<u>4.2</u>	<u>3.9</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-53								
Parameter	Date	PAL	ES	12/7/2021	3/29/2022	9/22/2022	12/14/2022	3/20/2023	6/13/2023	9/19/2023	12/7/2023	3/15/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-54								
Parameter	Date	PAL	ES	12/7/2021	3/29/2022	9/22/2022	12/14/2022	3/20/2023	6/13/2023	9/19/2023	12/7/2023	3/15/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>2.4</u>	<0.32	<0.32	<u>1.7</u>	<u>2.3</u>	0.33 J	0.36 J	<u>2.1</u>	0.38 J
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-55								
Parameter	Date	PAL	ES	12/7/2021	3/25/2022	9/22/2022	12/14/2022	3/15/2023	6/15/2023	9/18/2023	12/5/2023	3/11/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	2.5	2.6	2.6	2.7	3.2	1.6	2.6	2.7	2.8
trans-1,2-Dichloroethene		20	100	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>0.89 J</u>	<u>0.67 J</u>	<u>1.0</u>	<u>0.86 J</u>	<u>0.85 J</u>	<u>0.59 J</u>	<u>0.89 J</u>	<u>0.72 J</u>	<u>0.53 J</u>
Vinyl chloride		0.02	0.2	<0.17	<u>0.18 J</u>	<u>0.28 J</u>	<0.17	<0.17	<0.17	<u>0.22 J</u>	<0.17	<0.17

Well No.		WDNR NR 140 Standards		MW-56							
Parameter	Date	PAL	ES	6/30/2022	9/23/2022	12/19/2022	3/20/2023	6/15/2023	9/20/2023	12/7/2023	3/12/2024
1,1,1-Trichloroethane		40	200	4.9	2.3	8.6	4.3	7.9	7.4	17.1	8.7
1,1,2-Trichloroethane		0.5	5	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69	<1.7	<0.34
1,1-Dichloroethane		85	850	4.6	1.2 J	8.4	3.1	9.7	8.5	20.5	7.2
1,1-Dichloroethene		0.7	7	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.9	<0.58
1,2-Dichloroethane		0.5	5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<1.5	<0.29
cis-1,2-Dichloroethene		7	70	<u>11</u>	4.9	<u>11.3</u>	4.1	<u>14.5</u>	<u>11.5</u>	<u>32.2</u>	3.0
trans-1,2-Dichloroethene		20	100	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	4.4 J	0.60 J
Tetrachloroethene		0.5	5	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<2.0	<0.41
Trichloroethene		0.5	5	<u>173</u>	<u>90</u>	<u>270</u>	<u>109</u>	<u>262</u>	<u>291</u>	<u>710</u>	<u>76.3</u>
Vinyl chloride		0.02	0.2	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.87	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No.		WDNR NR 140 Standards		MW-56D							
Parameter	Date	PAL	ES	6/30/2022	9/23/2022	12/19/2022	3/20/2023	6/15/2023	9/20/2023	12/7/2023	3/12/2024
1,1,1-Trichloroethane		40	200	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	3.8	2.4	2.6	4.2	3.7	5.1	4.2	4.3
1,1-Dichloroethene		0.7	7	<u>1.1</u>	<u>0.89 J</u>	<u>0.75 J</u>	<u>1.0</u>	<u>0.92 J</u>	<u>1.8</u>	<u>1.3</u>	<0.58
1,2-Dichloroethane		0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>24.4</u>	<u>18.6</u>	<u>15.1</u>	<u>35.6</u>	<u>46</u>	<u>58.7</u>	<u>50.5</u>	<u>46.1</u>
trans-1,2-Dichloroethene		20	100	2.1	1.4	1.1	2.0	1.9	2.8	2.2	1.9
Tetrachloroethene		0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>23.2</u>	<u>13.2</u>	<u>10.3</u>	<u>21.1</u>	<u>15.6</u>	<u>20.8</u>	<u>17.9</u>	<u>12.6</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<u>0.32 J</u>	<u>0.20 J</u>	<0.17	<0.17	<0.17	<0.17

Well No.		WDNR NR 140 Standards		Duplicate 3 MW-50	Duplicate 4 MW-50	Duplicate 1 MW-47	Duplicate 2 MW-29	Duplicate 3 MW-23	Duplicate 1 MW-35	Duplicate 2 MW-29	Duplicate 3 MW-9D2	Duplicate 1 MW-35
Parameter	Date	PAL	ES	12/21/2020	1/18/2021(R)	3/16/2021	3/17/2021	3/19/2021	6/8/2021	6/9/2021	6/15/2021	9/14/2021
1,1,1-Trichloroethane		40	200	<0.24	8.2	<0.24	28.1	6.0	<u>41.1</u>	28.7	<0.30	38.5
1,1,2-Trichloroethane		0.5	5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.34	<0.69	<0.34	<0.86
1,1-Dichloroethane		85	850	<u>0.84 J</u>	3.1	<0.27	12.7	3.0	20.7	15	<0.30	19.3
1,1-Dichloroethene		0.7	7	<0.24	<u>1.2</u>	<0.24	<u>3.0</u>	<u>1.3</u>	<u>6.5</u>	<u>3.7</u>	<0.58	<u>5.4</u>
1,2-Dichloroethane		0.5	5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.29	<0.58	<0.29	<0.73
cis-1,2-Dichloroethene		7	70	<0.27	<u>0.53 J</u>	<0.27	<u>7.8</u>	<u>15.4</u>	<u>12.2</u>	<u>8.3</u>	<0.47	<u>12.9</u>
trans-1,2-Dichloroethene		20	100	<0.46	<0.46	<0.46	<0.46	0.81 J	0.58 J	<1.1	<0.53	<1.3
Tetrachloroethene		0.5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.41	<0.82	<0.41	<1.0
Trichloroethene		0.5	5	<0.26	<u>64.7</u>	<0.26	<u>183</u>	<u>101</u>	<u>310</u>	<u>200</u>	<u>0.90 J</u>	<u>328</u>
Vinyl chloride		0.02	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.17	<0.44

Well No.		WDNR NR 140 Standards		Duplicate 2 MW-42	Duplicate 3 MW-50	Duplicate 4 MW-50	Duplicate 1 MW-30	Duplicate 2 MW-42	Duplicate 3 MW-51	Duplicate 1 MW-15	Duplicate 2 MW-37	Duplicate 3 MW-27
Parameter	Date	PAL	ES	9/14/2021	9/15/2021	1/18/2021(R)	12/9/2021	12/9/2021	12/10/2021	3/22/2022	3/25/2022	3/28/2022
1,1,1-Trichloroethane		40	200	<u>88.5</u>	0.35 J	8.2	<u>94.4</u>	<u>66.1</u>	<0.30	29.7	29.7	<0.30
1,1,2-Trichloroethane		0.5	5	<0.86	<0.34	<0.55	<3.4	<1.4	<0.34	<1.4	<0.34	<0.34
1,1-Dichloroethane		85	850	34.6	0.39 J	3.1	41.5	28.6	<0.30	15.7	14	<0.30
1,1-Dichloroethene		0.7	7	<u>9.4</u>	<0.58	<u>1.2</u>	<u>24.9</u>	<u>9.8</u>	<0.58	<u>3.2 J</u>	<u>2.7</u>	<0.58
1,2-Dichloroethane		0.5	5	<0.73	<0.29	<0.28	<2.9	<1.2	<0.29	<1.2	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>8.6</u>	<0.47	0.53 J	<u>23.6</u>	<u>8.1</u>	<0.47	<u>31</u>	5.1	<0.47
trans-1,2-Dichloroethene		20	100	<1.3	<0.53	<0.46	<5.3	<2.1	<0.53	<2.1	1.0	<0.53
Tetrachloroethene		0.5	5	<1.0	<0.41	<0.33	<4.1	<1.6	<0.41	<1.6	<0.41	<0.41
Trichloroethene		0.5	5	<u>444</u>	<u>12.7</u>	<u>64.7</u>	<u>1,930</u>	<u>403</u>	<0.32	<u>670</u>	<u>181</u>	<0.32
Vinyl chloride		0.02	0.2	<u>1.4 J</u>	<0.17	<0.17	<1.7	<u>3.0 J</u>	<0.17	<0.70	<0.17	<0.17

Well No.		WDNR NR 140 Standards		Duplicate 1 MW-15	Duplicate 2 MW-29	Duplicate 3 MW-25R	Duplicate 1 MW-30	Duplicate 2 MW-28	Duplicate 3 MW-41	Duplicate 1 MW-51	Duplicate 2 MW-46	Duplicate 3 MW-9D2
Parameter	Date	PAL	ES	9/20/2022	9/21/2022	9/22/2022	12/13/2022	12/15/2022	12/16/2022	3/14/2023	3/15/2023	3/17/2023
1,1,1-Trichloroethane		40	200	<u>44.3</u>	21.9	<0.30	<u>90.5</u>	<0.30	<u>59</u>	<0.30	<0.30	<0.30
1,1,2-Trichloroethane		0.5	5	<3.4	<0.34	<0.34	<6.9	<0.34	<0.34	<0.34	<0.34	<0.34
1,1-Dichloroethane		85	850	22.6	6.0	<0.30	52.8	<0.30	20.4	<0.30	<0.30	<0.30
1,1-Dichloroethene		0.7	7	<5.8	<u>1.9</u>	<0.58	<11.6	<0.58	<u>8.4</u>	<0.58	<0.58	<0.58
1,2-Dichloroethane		0.5	5	<2.9	<0.29	<0.29	<5.8	<0.29	<0.29	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene		7	70	<u>23.8</u>	5.2	<0.47	<u>27.3</u>	1.8	4.4	<0.47	<0.47	14.8
trans-1,2-Dichloroethene		20	100	<5.3	<0.53	<0.53	<10.6	<0.53	<0.53	<0.53	<0.53	<0.53
Tetrachloroethene		0.5	5	<4.1	<0.41	<0.41	<8.2	<u>0.81 J</u>	<0.41	<0.41	<0.41	<0.41
Trichloroethene		0.5	5	<u>1,110</u>	<u>159</u>	<0.32	<u>1,870</u>	<u>1.3</u>	<u>293</u>	<0.32	<0.32	<u>17.6</u>
Vinyl chloride		0.02	0.2	<1.7	<0.17	<0.17	<3.5	<0.17	<0.17	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

Table 2. Groundwater Results for CVOCs - former Navistar/RMG Foundry, Waukesha, WI

Well No. Parameter Date	WDNR NR 140 Standards		Duplicate 1 MW-35 6/14/2023	Duplicate 2 MW-56 6/15/2023	Duplicate 3 MW-24D 1/16/2023	Duplicate 1 MW-47 9/18/2023	Duplicate 2 MW-42 9/19/2023	Duplicate 3 MW-28 9/22/2023	Duplicate 1 NMW-1 12/5/2023	Duplicate 2 MW-40 12/6/2023	Duplicate 3 MW-53 12/7/2023
	PAL	ES									
1,1,1-Trichloroethane	40	200	<u>51.4</u>	9.0	<0.30	<0.30	<u>52.2</u>	<0.30	75.3	<u>30.8</u>	<0.30
1,1,2-Trichloroethane	0.5	5	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.86	<0.34	<0.34
1,1-Dichloroethane	85	850	22.1	10.8	<0.30	<0.30	11.8	<0.30	31.7	10.7	<0.30
1,1-Dichloroethene	0.7	7	<u>3.0</u>	<u>2.2</u>	<0.58	<0.58	<u>4.1</u>	<0.58	<u>7.5</u>	<u>4.1</u>	<0.58
1,2-Dichloroethane	0.5	5	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.73	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	11.4	<u>15.9</u>	1.0	<0.47	<u>4.7</u>	2.6	4.9	<u>6.6</u>	<0.47
trans-1,2-Dichloroethene	20	100	0.79 J	0.73 J	<0.53	<0.53	<0.53	<0.53	<1.3	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.41	<0.41	<0.41	<0.41	<0.41	<u>0.58 J</u>	<1.0	<0.41	<0.41
Trichloroethene	0.5	5	<u>361</u>	<u>286</u>	<u>0.67 J</u>	<0.32	<u>283</u>	<u>1.8</u>	<u>504</u>	<u>208</u>	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17	<0.17	<u>1.5</u>	<0.17	<0.44	<0.17	<0.17

Well No. Parameter Date	WDNR NR 140 Standards		Duplicate 1 MW-56D 3/12/2024	Duplicate 2 MW-29 3/15/2024	Duplicate 3 MW-48 3/18/2024
	PAL	ES			
1,1,1-Trichloroethane	40	200	<0.30	10.1	<0.30
1,1,2-Trichloroethane	0.5	5	<0.34	<0.34	<0.34
1,1-Dichloroethane	85	850	4.2	4.7	<0.30
1,1-Dichloroethene	0.7	7	<u>0.77 J</u>	<u>1.1</u>	<0.58
1,2-Dichloroethane	0.5	5	<0.29	<0.29	<0.29
cis-1,2-Dichloroethene	7	70	47.5	4.5	<0.47
trans-1,2-Dichloroethene	20	100	1.8	<0.53	<0.53
Tetrachloroethene	0.5	5	<0.41	<0.41	<0.41
Trichloroethene	0.5	5	<u>12.7</u>	<u>70.0</u>	<0.32
Vinyl chloride	0.02	0.2	<0.17	<0.17	<0.17

Notes: Results are in ug/L.
 PAL - Preventative Action Limit
 ES - Enforcement Standard

Underlined - Result exceeds PAL
Bold - Result exceeds ES
 (R) - Resample Event

J - Estimated concentration between the Limits of Detection and Quantification
 L1 - Analyte recovery in the laboratory control sample was above QC limits. Results may be biased high.

ATTACHMENT
March 2024 Data Package



March 28, 2024

Rich Gnat
KPRG AND ASSOCIATES, INC.
14665 W. Lisbon Road
Suite 1A
Brookfield, WI 53005

RE: Project: NAVISTAR 1Q24
Pace Project No.: 40275512

Dear Rich Gnat:

Enclosed are the analytical results for sample(s) received by the laboratory on March 14, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Patrick Allenstein, KPRG and Associates, Inc.
Jack Misner, KPRG AND ASSOCIATES, INC.
Kaelyn Sperle, KPRG and Associates, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40275512001	MW-11	Water	03/13/24 14:29	03/14/24 09:00
40275512002	MW-13	Water	03/13/24 13:28	03/14/24 09:00
40275512003	MW-15	Water	03/13/24 12:40	03/14/24 09:00
40275512004	MW-9D	Water	03/13/24 11:50	03/14/24 09:00
40275512005	MW-9	Water	03/13/24 11:11	03/14/24 09:00
40275512006	MW-9D2	Water	03/13/24 09:56	03/14/24 09:00
40275512007	TRIP BLANK	Water	03/13/24 00:00	03/14/24 09:00
40275512008	MW-45	Water	03/12/24 16:13	03/14/24 09:00
40275512009	NMW-3	Water	03/12/24 15:26	03/14/24 09:00
40275512010	MW-44	Water	03/12/24 14:34	03/14/24 09:00
40275512011	MW-56D	Water	03/12/24 13:52	03/14/24 09:00
40275512012	MW-56	Water	03/12/24 13:11	03/14/24 09:00
40275512013	MW-39	Water	03/12/24 12:13	03/14/24 09:00
40275512014	MW-27	Water	03/12/24 11:37	03/14/24 09:00
40275512015	MW-25R	Water	03/12/24 10:41	03/14/24 09:00
40275512016	MW-26	Water	03/12/24 09:44	03/14/24 09:00
40275512017	DUPLICATE	Water	03/12/24 00:00	03/14/24 09:00
40275512018	MW-38	Water	03/11/24 16:25	03/14/24 09:00
40275512019	MW-55	Water	03/11/24 15:34	03/14/24 09:00
40275512020	MW-37	Water	03/11/24 14:48	03/14/24 09:00
40275512021	MW-36D	Water	03/11/24 14:12	03/14/24 09:00
40275512022	MW-36	Water	03/11/24 13:29	03/14/24 09:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40275512001	MW-11	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512002	MW-13	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512003	MW-15	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512004	MW-9D	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512005	MW-9	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512006	MW-9D2	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512007	TRIP BLANK	EPA 8260	NB	13	PASI-G
40275512008	MW-45	EPA 8260	NB	13	PASI-G
40275512009	NMW-3	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40275512010	MW-44	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512011	MW-56D	EPA 8260	NB	13	PASI-G
40275512012	MW-56	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512013	MW-39	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512014	MW-27	EPA 8260	NB	13	PASI-G
40275512015	MW-25R	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512016	MW-26	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512017	DUPLICATE	EPA 8260	NB	13	PASI-G
40275512018	MW-38	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275512019	MW-55	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40275512020	MW-37	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
40275512021	MW-36D	SM 5310C	TJJ	1	PASI-G
		EPA 8260	NB	13	PASI-G
40275512022	MW-36	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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**SUMMARY OF DETECTION**

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40275512001	MW-11					
EPA 8015B Modified	Methane	0.93J	ug/L	2.8	03/18/24 10:51	
EPA 8260	1,1,1-Trichloroethane	10.2	ug/L	1.0	03/19/24 12:41	
EPA 8260	1,1-Dichloroethane	7.0	ug/L	1.0	03/19/24 12:41	
EPA 8260	Trichloroethene	267	ug/L	1.0	03/19/24 12:41	
EPA 8260	cis-1,2-Dichloroethene	9.0	ug/L	1.0	03/19/24 12:41	
EPA 8260	trans-1,2-Dichloroethene	0.93J	ug/L	1.0	03/19/24 12:41	
EPA 300.0	Sulfate	261	mg/L	40.0	03/20/24 17:49	
SM 5310C	Total Organic Carbon	3.8	mg/L	1.5	03/19/24 13:55	
40275512002	MW-13					
EPA 8015B Modified	Methane	10.8	ug/L	2.8	03/18/24 10:58	
EPA 6010D	Manganese, Dissolved	26.5	ug/L	5.0	03/18/24 20:42	
EPA 8260	1,1,1-Trichloroethane	23.4	ug/L	5.0	03/26/24 18:19	
EPA 8260	1,1-Dichloroethane	30.1	ug/L	5.0	03/26/24 18:19	
EPA 8260	Trichloroethene	622	ug/L	5.0	03/26/24 18:19	
EPA 8260	cis-1,2-Dichloroethene	46.8	ug/L	5.0	03/26/24 18:19	
EPA 8260	trans-1,2-Dichloroethene	6.5	ug/L	5.0	03/26/24 18:19	
EPA 300.0	Sulfate	534	mg/L	200	03/20/24 18:04	
SM 5310C	Total Organic Carbon	3.8	mg/L	1.5	03/19/24 15:03	
40275512003	MW-15					
EPA 8260	1,1,1-Trichloroethane	25.0	ug/L	5.0	03/22/24 19:56	
EPA 8260	1,1-Dichloroethane	17.5	ug/L	5.0	03/22/24 19:56	
EPA 8260	Trichloroethene	485	ug/L	5.0	03/22/24 19:56	
EPA 8260	cis-1,2-Dichloroethene	13.6	ug/L	5.0	03/22/24 19:56	
EPA 300.0	Sulfate	354	mg/L	100	03/20/24 18:18	
SM 5310C	Total Organic Carbon	4.1	mg/L	1.0	03/19/24 15:54	
40275512004	MW-9D					
EPA 8260	1,1,1-Trichloroethane	1.1	ug/L	1.0	03/21/24 22:08	
EPA 8260	1,1-Dichloroethane	1.8	ug/L	1.0	03/21/24 22:08	
EPA 8260	Trichloroethene	49.9	ug/L	1.0	03/21/24 22:08	
EPA 8260	cis-1,2-Dichloroethene	6.8	ug/L	1.0	03/21/24 22:08	
EPA 300.0	Sulfate	32.9	mg/L	20.0	03/20/24 19:15	
SM 5310C	Total Organic Carbon	2.6	mg/L	0.50	03/19/24 16:11	
40275512005	MW-9					
EPA 8015B Modified	Methane	1.8J	ug/L	2.8	03/18/24 11:44	
EPA 8260	1,1,1-Trichloroethane	16.2	ug/L	1.0	03/21/24 22:29	
EPA 8260	1,1-Dichloroethane	10.4	ug/L	1.0	03/21/24 22:29	
EPA 8260	Trichloroethene	171	ug/L	1.0	03/21/24 22:29	
EPA 8260	cis-1,2-Dichloroethene	5.3	ug/L	1.0	03/21/24 22:29	
EPA 8260	trans-1,2-Dichloroethene	0.69J	ug/L	1.0	03/21/24 22:29	
EPA 300.0	Sulfate	675	mg/L	40.0	03/21/24 12:08	
SM 5310C	Total Organic Carbon	6.5	mg/L	1.5	03/19/24 16:27	
40275512006	MW-9D2					
EPA 6010D	Manganese, Dissolved	2.8J	ug/L	5.0	03/18/24 20:57	
EPA 8260	Trichloroethene	7.7	ug/L	1.0	03/21/24 21:06	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40275512006	MW-9D2					
EPA 8260	cis-1,2-Dichloroethene	11.5	ug/L	1.0	03/21/24 21:06	
EPA 300.0	Sulfate	40.4	mg/L	2.0	03/20/24 20:47	
SM 5310C	Total Organic Carbon	0.96	mg/L	0.50	03/20/24 01:10	
40275512008	MW-45					
EPA 8260	1,1,1-Trichloroethane	8.5	ug/L	1.0	03/18/24 19:58	
EPA 8260	1,1-Dichloroethane	5.6	ug/L	1.0	03/18/24 19:58	
EPA 8260	1,1-Dichloroethene	1.0	ug/L	1.0	03/18/24 19:58	
EPA 8260	Trichloroethene	95.5	ug/L	1.0	03/18/24 19:58	
EPA 8260	cis-1,2-Dichloroethene	13.6	ug/L	1.0	03/18/24 19:58	
40275512009	NMW-3					
EPA 6010D	Manganese, Dissolved	20.0	ug/L	5.0	03/18/24 20:59	
EPA 8260	1,1-Dichloroethane	0.60J	ug/L	1.0	03/18/24 20:19	
EPA 8260	Trichloroethene	4.3	ug/L	1.0	03/18/24 20:19	
EPA 8260	cis-1,2-Dichloroethene	3.1	ug/L	1.0	03/18/24 20:19	
EPA 300.0	Sulfate	157	mg/L	20.0	03/21/24 12:22	
SM 5310C	Total Organic Carbon	1.9	mg/L	0.50	03/19/24 16:58	
40275512010	MW-44					
EPA 8260	Trichloroethene	9.4	ug/L	1.0	03/18/24 15:29	
EPA 300.0	Sulfate	65.5	mg/L	10.0	03/21/24 12:36	
SM 5310C	Total Organic Carbon	1.2	mg/L	0.50	03/19/24 17:17	
40275512011	MW-56D					
EPA 8260	1,1-Dichloroethane	4.3	ug/L	1.0	03/18/24 18:56	
EPA 8260	Trichloroethene	12.6	ug/L	1.0	03/18/24 18:56	
EPA 8260	cis-1,2-Dichloroethene	46.1	ug/L	1.0	03/18/24 18:56	
EPA 8260	trans-1,2-Dichloroethene	1.9	ug/L	1.0	03/18/24 18:56	
40275512012	MW-56					
EPA 8260	1,1,1-Trichloroethane	8.7	ug/L	1.0	03/20/24 15:46	
EPA 8260	1,1-Dichloroethane	7.2	ug/L	1.0	03/20/24 15:46	
EPA 8260	Trichloroethene	76.3	ug/L	1.0	03/20/24 15:46	
EPA 8260	cis-1,2-Dichloroethene	3.0	ug/L	1.0	03/20/24 15:46	
EPA 8260	trans-1,2-Dichloroethene	0.60J	ug/L	1.0	03/20/24 15:46	
EPA 300.0	Sulfate	515	mg/L	20.0	03/20/24 21:30	
SM 5310C	Total Organic Carbon	3.9	mg/L	0.50	03/19/24 17:35	
40275512013	MW-39					
EPA 8260	1,1,1-Trichloroethane	2.9	ug/L	1.0	03/18/24 18:35	
EPA 8260	1,1-Dichloroethane	3.3	ug/L	1.0	03/18/24 18:35	
EPA 8260	1,1-Dichloroethene	0.81J	ug/L	1.0	03/18/24 18:35	
EPA 8260	Trichloroethene	112	ug/L	1.0	03/18/24 18:35	
EPA 8260	cis-1,2-Dichloroethene	10.7	ug/L	1.0	03/18/24 18:35	
EPA 300.0	Sulfate	203	mg/L	20.0	03/25/24 12:22	MO
SM 5310C	Total Organic Carbon	2.8	mg/L	0.50	03/19/24 18:15	
40275512014	MW-27					
EPA 8260	1,1-Dichloroethane	0.45J	ug/L	1.0	03/18/24 19:17	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40275512015	MW-25R					
EPA 8015B Modified	Methane	17.1	ug/L	2.8	03/18/24 12:26	
EPA 6010D	Manganese, Dissolved	293	ug/L	5.0	03/18/24 21:07	
EPA 8260	Trichloroethene	0.68J	ug/L	1.0	03/18/24 15:50	
EPA 300.0	Sulfate	81.8	mg/L	10.0	03/25/24 13:05	
SM 5310C	Total Organic Carbon	1.4	mg/L	0.50	03/19/24 18:34	
40275512016	MW-26					
EPA 8015B Modified	Methane	16.9	ug/L	2.8	03/18/24 12:33	
EPA 6010D	Manganese, Dissolved	15.6	ug/L	5.0	03/18/24 21:09	
EPA 8260	1,1,1-Trichloroethane	2.2	ug/L	1.0	03/18/24 20:40	
EPA 8260	1,1-Dichloroethane	3.4	ug/L	1.0	03/18/24 20:40	
EPA 8260	Trichloroethene	74.9	ug/L	1.0	03/18/24 20:40	
EPA 8260	cis-1,2-Dichloroethene	4.9	ug/L	1.0	03/18/24 20:40	
EPA 8260	trans-1,2-Dichloroethene	0.72J	ug/L	1.0	03/18/24 20:40	
EPA 300.0	Sulfate	236	mg/L	10.0	03/21/24 17:56	
SM 5310C	Total Organic Carbon	2.9	mg/L	0.50	03/19/24 18:53	
40275512017	DUPLICATE					
EPA 8260	1,1-Dichloroethane	4.2	ug/L	1.0	03/18/24 16:11	
EPA 8260	1,1-Dichloroethene	0.77J	ug/L	1.0	03/18/24 16:11	
EPA 8260	Trichloroethene	12.7	ug/L	1.0	03/18/24 16:11	
EPA 8260	cis-1,2-Dichloroethene	47.5	ug/L	1.0	03/18/24 16:11	
EPA 8260	trans-1,2-Dichloroethene	1.8	ug/L	1.0	03/18/24 16:11	
40275512018	MW-38					
EPA 8015B Modified	Ethane	1.3J	ug/L	5.6	03/21/24 08:59	
EPA 8015B Modified	Methane	266	ug/L	2.8	03/21/24 08:59	
EPA 6010D	Manganese, Dissolved	37.2	ug/L	5.0	03/18/24 21:11	
EPA 8260	1,1,1-Trichloroethane	2.9	ug/L	1.0	03/18/24 19:38	
EPA 8260	1,1-Dichloroethane	2.4	ug/L	1.0	03/18/24 19:38	
EPA 8260	Trichloroethene	41.5	ug/L	1.0	03/18/24 19:38	
EPA 8260	Vinyl chloride	0.31J	ug/L	1.0	03/18/24 19:38	
EPA 8260	cis-1,2-Dichloroethene	6.0	ug/L	1.0	03/18/24 19:38	
EPA 8260	trans-1,2-Dichloroethene	0.96J	ug/L	1.0	03/18/24 19:38	
EPA 300.0	Sulfate	216	mg/L	10.0	03/21/24 18:54	
SM 5310C	Total Organic Carbon	3.0	mg/L	0.50	03/19/24 19:13	
40275512019	MW-55					
EPA 6010D	Manganese, Dissolved	3.4J	ug/L	5.0	03/18/24 21:13	
EPA 8260	Trichloroethene	0.53J	ug/L	1.0	03/18/24 16:31	
EPA 8260	cis-1,2-Dichloroethene	2.8	ug/L	1.0	03/18/24 16:31	
EPA 300.0	Sulfate	88.8	mg/L	20.0	03/25/24 13:20	
SM 5310C	Total Organic Carbon	1.4	mg/L	0.50	03/19/24 19:32	
40275512020	MW-37					
EPA 8260	1,1,1-Trichloroethane	12.7	ug/L	2.0	03/18/24 21:00	
EPA 8260	1,1-Dichloroethane	5.9	ug/L	2.0	03/18/24 21:00	
EPA 8260	Trichloroethene	92.0	ug/L	2.0	03/18/24 21:00	
EPA 8260	cis-1,2-Dichloroethene	4.7	ug/L	2.0	03/18/24 21:00	

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SUMMARY OF DETECTION

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40275512020	MW-37					
EPA 300.0	Sulfate	129	mg/L	20.0	03/25/24 13:34	
SM 5310C	Total Organic Carbon	1.9	mg/L	0.50	03/19/24 19:52	
40275512022	MW-36					
EPA 6010D	Manganese, Dissolved	5.2	ug/L	5.0	03/18/24 21:21	
EPA 8260	1,1,1-Trichloroethane	1.3	ug/L	1.0	03/18/24 17:13	
EPA 8260	Trichloroethene	14.5	ug/L	1.0	03/18/24 17:13	
EPA 8260	cis-1,2-Dichloroethene	0.54J	ug/L	1.0	03/18/24 17:13	
EPA 300.0	Sulfate	83.5	mg/L	10.0	03/21/24 19:37	
SM 5310C	Total Organic Carbon	2.6	mg/L	0.50	03/19/24 20:11	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-11 Lab ID: 40275512001 Collected: 03/13/24 14:29 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 10:51	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 10:51	74-85-1	
Methane	0.93J	ug/L	2.8	0.58	1		03/18/24 10:51	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 20:36	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/18/24 20:36	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	10.2	ug/L	1.0	0.30	1		03/19/24 12:41	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/19/24 12:41	79-00-5	
1,1-Dichloroethane	7.0	ug/L	1.0	0.30	1		03/19/24 12:41	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/19/24 12:41	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/19/24 12:41	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/19/24 12:41	127-18-4	
Trichloroethene	267	ug/L	1.0	0.32	1		03/19/24 12:41	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/19/24 12:41	75-01-4	
cis-1,2-Dichloroethene	9.0	ug/L	1.0	0.47	1		03/19/24 12:41	156-59-2	
trans-1,2-Dichloroethene	0.93J	ug/L	1.0	0.53	1		03/19/24 12:41	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/19/24 12:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		03/19/24 12:41	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/19/24 12:41	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	261	mg/L	40.0	8.9	20		03/20/24 17:49	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.8	mg/L	1.5	0.57	3		03/19/24 13:55	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-13 **Lab ID: 40275512002** Collected: 03/13/24 13:28 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 10:58	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 10:58	74-85-1	
Methane	10.8	ug/L	2.8	0.58	1		03/18/24 10:58	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 20:42	7439-89-6	
Manganese, Dissolved	26.5	ug/L	5.0	1.1	1		03/18/24 20:42	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	23.4	ug/L	5.0	1.5	5		03/26/24 18:19	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	5.0	1.7	5		03/26/24 18:19	79-00-5	
1,1-Dichloroethane	30.1	ug/L	5.0	1.5	5		03/26/24 18:19	75-34-3	
1,1-Dichloroethene	<2.9	ug/L	5.0	2.9	5		03/26/24 18:19	75-35-4	
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		03/26/24 18:19	107-06-2	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		03/26/24 18:19	127-18-4	
Trichloroethene	622	ug/L	5.0	1.6	5		03/26/24 18:19	79-01-6	
Vinyl chloride	<0.87	ug/L	5.0	0.87	5		03/26/24 18:19	75-01-4	
cis-1,2-Dichloroethene	46.8	ug/L	5.0	2.4	5		03/26/24 18:19	156-59-2	
trans-1,2-Dichloroethene	6.5	ug/L	5.0	2.6	5		03/26/24 18:19	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		5		03/26/24 18:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		5		03/26/24 18:19	2199-69-1	
Toluene-d8 (S)	105	%	70-130		5		03/26/24 18:19	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	534	mg/L	200	44.4	100		03/20/24 18:04	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.8	mg/L	1.5	0.57	3		03/19/24 15:03	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-15 **Lab ID: 40275512003** Collected: 03/13/24 12:40 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 11:30	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 11:30	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/18/24 11:30	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 20:47	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/18/24 20:47	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	25.0	ug/L	5.0	1.5	5		03/22/24 19:56	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	5.0	1.7	5		03/22/24 19:56	79-00-5	
1,1-Dichloroethane	17.5	ug/L	5.0	1.5	5		03/22/24 19:56	75-34-3	
1,1-Dichloroethene	<2.9	ug/L	5.0	2.9	5		03/22/24 19:56	75-35-4	
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		03/22/24 19:56	107-06-2	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		03/22/24 19:56	127-18-4	
Trichloroethene	485	ug/L	5.0	1.6	5		03/22/24 19:56	79-01-6	
Vinyl chloride	<0.87	ug/L	5.0	0.87	5		03/22/24 19:56	75-01-4	
cis-1,2-Dichloroethene	13.6	ug/L	5.0	2.4	5		03/22/24 19:56	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	5.0	2.6	5		03/22/24 19:56	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		5		03/22/24 19:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		5		03/22/24 19:56	2199-69-1	
Toluene-d8 (S)	95	%	70-130		5		03/22/24 19:56	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	354	mg/L	100	22.2	50		03/20/24 18:18	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	4.1	mg/L	1.0	0.38	2		03/19/24 15:54	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-9D **Lab ID: 40275512004** Collected: 03/13/24 11:50 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 11:37	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 11:37	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/18/24 11:37	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 20:49	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/18/24 20:49	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	1.1	ug/L	1.0	0.30	1		03/21/24 22:08	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/21/24 22:08	79-00-5	
1,1-Dichloroethane	1.8	ug/L	1.0	0.30	1		03/21/24 22:08	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/21/24 22:08	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/21/24 22:08	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/21/24 22:08	127-18-4	
Trichloroethene	49.9	ug/L	1.0	0.32	1		03/21/24 22:08	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/21/24 22:08	75-01-4	
cis-1,2-Dichloroethene	6.8	ug/L	1.0	0.47	1		03/21/24 22:08	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/21/24 22:08	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/21/24 22:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		03/21/24 22:08	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/21/24 22:08	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	32.9	mg/L	20.0	4.4	10		03/20/24 19:15	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.6	mg/L	0.50	0.19	1		03/19/24 16:11	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-9 Lab ID: 40275512005 Collected: 03/13/24 11:11 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 11:44	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 11:44	74-85-1	
Methane	1.8J	ug/L	2.8	0.58	1		03/18/24 11:44	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 20:51	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/18/24 20:51	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	16.2	ug/L	1.0	0.30	1		03/21/24 22:29	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/21/24 22:29	79-00-5	
1,1-Dichloroethane	10.4	ug/L	1.0	0.30	1		03/21/24 22:29	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/21/24 22:29	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/21/24 22:29	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/21/24 22:29	127-18-4	
Trichloroethene	171	ug/L	1.0	0.32	1		03/21/24 22:29	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/21/24 22:29	75-01-4	
cis-1,2-Dichloroethene	5.3	ug/L	1.0	0.47	1		03/21/24 22:29	156-59-2	
trans-1,2-Dichloroethene	0.69J	ug/L	1.0	0.53	1		03/21/24 22:29	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/21/24 22:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/21/24 22:29	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/21/24 22:29	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	675	mg/L	40.0	8.9	20		03/21/24 12:08	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	6.5	mg/L	1.5	0.57	3		03/19/24 16:27	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-9D2 Lab ID: 40275512006 Collected: 03/13/24 09:56 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 11:51	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 11:51	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/18/24 11:51	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 20:57	7439-89-6	
Manganese, Dissolved	2.8J	ug/L	5.0	1.1	1		03/18/24 20:57	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/21/24 21:06	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/21/24 21:06	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/21/24 21:06	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/21/24 21:06	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/21/24 21:06	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/21/24 21:06	127-18-4	
Trichloroethene	7.7	ug/L	1.0	0.32	1		03/21/24 21:06	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/21/24 21:06	75-01-4	
cis-1,2-Dichloroethene	11.5	ug/L	1.0	0.47	1		03/21/24 21:06	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/21/24 21:06	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/21/24 21:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		03/21/24 21:06	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/21/24 21:06	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	40.4	mg/L	2.0	0.44	1		03/20/24 20:47	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	0.96	mg/L	0.50	0.19	1		03/20/24 01:10	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: TRIP BLANK Lab ID: 40275512007 Collected: 03/13/24 00:00 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/21/24 19:43	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/21/24 19:43	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/21/24 19:43	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/21/24 19:43	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/21/24 19:43	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/21/24 19:43	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/21/24 19:43	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/21/24 19:43	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/21/24 19:43	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/21/24 19:43	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/21/24 19:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/21/24 19:43	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/21/24 19:43	2037-26-5	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-45 Lab ID: 40275512008 Collected: 03/12/24 16:13 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	8.5	ug/L	1.0	0.30	1		03/18/24 19:58	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 19:58	79-00-5	
1,1-Dichloroethane	5.6	ug/L	1.0	0.30	1		03/18/24 19:58	75-34-3	
1,1-Dichloroethene	1.0	ug/L	1.0	0.58	1		03/18/24 19:58	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 19:58	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 19:58	127-18-4	
Trichloroethene	95.5	ug/L	1.0	0.32	1		03/18/24 19:58	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 19:58	75-01-4	
cis-1,2-Dichloroethene	13.6	ug/L	1.0	0.47	1		03/18/24 19:58	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 19:58	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/18/24 19:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		03/18/24 19:58	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/18/24 19:58	2037-26-5	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: **NMW-3** Lab ID: **40275512009** Collected: 03/12/24 15:26 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 11:58	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 11:58	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/18/24 11:58	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 20:59	7439-89-6	
Manganese, Dissolved	20.0	ug/L	5.0	1.1	1		03/18/24 20:59	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 20:19	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 20:19	79-00-5	
1,1-Dichloroethane	0.60J	ug/L	1.0	0.30	1		03/18/24 20:19	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 20:19	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 20:19	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 20:19	127-18-4	
Trichloroethene	4.3	ug/L	1.0	0.32	1		03/18/24 20:19	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 20:19	75-01-4	
cis-1,2-Dichloroethene	3.1	ug/L	1.0	0.47	1		03/18/24 20:19	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 20:19	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		03/18/24 20:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/18/24 20:19	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/18/24 20:19	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	157	mg/L	20.0	4.4	10		03/21/24 12:22	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.9	mg/L	0.50	0.19	1		03/19/24 16:58	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-44 Lab ID: 40275512010 Collected: 03/12/24 14:34 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 12:05	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 12:05	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/18/24 12:05	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 21:01	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/18/24 21:01	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 15:29	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 15:29	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 15:29	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 15:29	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 15:29	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 15:29	127-18-4	
Trichloroethene	9.4	ug/L	1.0	0.32	1		03/18/24 15:29	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 15:29	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/18/24 15:29	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 15:29	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/18/24 15:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		03/18/24 15:29	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/18/24 15:29	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	65.5	mg/L	10.0	2.2	5		03/21/24 12:36	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.2	mg/L	0.50	0.19	1		03/19/24 17:17	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-56D Lab ID: 40275512011 Collected: 03/12/24 13:52 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 18:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 18:56	79-00-5	
1,1-Dichloroethane	4.3	ug/L	1.0	0.30	1		03/18/24 18:56	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 18:56	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 18:56	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 18:56	127-18-4	
Trichloroethene	12.6	ug/L	1.0	0.32	1		03/18/24 18:56	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 18:56	75-01-4	
cis-1,2-Dichloroethene	46.1	ug/L	1.0	0.47	1		03/18/24 18:56	156-59-2	
trans-1,2-Dichloroethene	1.9	ug/L	1.0	0.53	1		03/18/24 18:56	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/18/24 18:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		03/18/24 18:56	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/18/24 18:56	2037-26-5	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-56 Lab ID: 40275512012 Collected: 03/12/24 13:11 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 12:12	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 12:12	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/18/24 12:12	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 21:03	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/18/24 21:03	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	8.7	ug/L	1.0	0.30	1		03/20/24 15:46	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/20/24 15:46	79-00-5	
1,1-Dichloroethane	7.2	ug/L	1.0	0.30	1		03/20/24 15:46	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/20/24 15:46	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/20/24 15:46	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/20/24 15:46	127-18-4	
Trichloroethene	76.3	ug/L	1.0	0.32	1		03/20/24 15:46	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/20/24 15:46	75-01-4	
cis-1,2-Dichloroethene	3.0	ug/L	1.0	0.47	1		03/20/24 15:46	156-59-2	
trans-1,2-Dichloroethene	0.60J	ug/L	1.0	0.53	1		03/20/24 15:46	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/20/24 15:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		03/20/24 15:46	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		03/20/24 15:46	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	515	mg/L	20.0	4.4	10		03/20/24 21:30	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.9	mg/L	0.50	0.19	1		03/19/24 17:35	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-39 Lab ID: 40275512013 Collected: 03/12/24 12:13 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 12:19	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 12:19	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/18/24 12:19	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 21:05	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/18/24 21:05	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	2.9	ug/L	1.0	0.30	1		03/18/24 18:35	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 18:35	79-00-5	
1,1-Dichloroethane	3.3	ug/L	1.0	0.30	1		03/18/24 18:35	75-34-3	
1,1-Dichloroethene	0.81J	ug/L	1.0	0.58	1		03/18/24 18:35	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 18:35	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 18:35	127-18-4	
Trichloroethene	112	ug/L	1.0	0.32	1		03/18/24 18:35	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 18:35	75-01-4	
cis-1,2-Dichloroethene	10.7	ug/L	1.0	0.47	1		03/18/24 18:35	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 18:35	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		03/18/24 18:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		03/18/24 18:35	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/18/24 18:35	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	203	mg/L	20.0	4.4	10		03/25/24 12:22	14808-79-8	M0
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.8	mg/L	0.50	0.19	1		03/19/24 18:15	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-27 Lab ID: 40275512014 Collected: 03/12/24 11:37 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 19:17	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 19:17	79-00-5	
1,1-Dichloroethane	0.45J	ug/L	1.0	0.30	1		03/18/24 19:17	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 19:17	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 19:17	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 19:17	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/18/24 19:17	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 19:17	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/18/24 19:17	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 19:17	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/18/24 19:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/18/24 19:17	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		03/18/24 19:17	2037-26-5	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-25R Lab ID: 40275512015 Collected: 03/12/24 10:41 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 12:26	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 12:26	74-85-1	
Methane	17.1	ug/L	2.8	0.58	1		03/18/24 12:26	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 21:07	7439-89-6	
Manganese, Dissolved	293	ug/L	5.0	1.1	1		03/18/24 21:07	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 15:50	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 15:50	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 15:50	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 15:50	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 15:50	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 15:50	127-18-4	
Trichloroethene	0.68J	ug/L	1.0	0.32	1		03/18/24 15:50	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 15:50	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/18/24 15:50	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 15:50	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/18/24 15:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		03/18/24 15:50	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/18/24 15:50	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	81.8	mg/L	10.0	2.2	5		03/25/24 13:05	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.4	mg/L	0.50	0.19	1		03/19/24 18:34	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-26 Lab ID: 40275512016 Collected: 03/12/24 09:44 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/18/24 12:33	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/18/24 12:33	74-85-1	
Methane	16.9	ug/L	2.8	0.58	1		03/18/24 12:33	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 21:09	7439-89-6	
Manganese, Dissolved	15.6	ug/L	5.0	1.1	1		03/18/24 21:09	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	2.2	ug/L	1.0	0.30	1		03/18/24 20:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 20:40	79-00-5	
1,1-Dichloroethane	3.4	ug/L	1.0	0.30	1		03/18/24 20:40	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 20:40	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 20:40	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 20:40	127-18-4	
Trichloroethene	74.9	ug/L	1.0	0.32	1		03/18/24 20:40	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 20:40	75-01-4	
cis-1,2-Dichloroethene	4.9	ug/L	1.0	0.47	1		03/18/24 20:40	156-59-2	
trans-1,2-Dichloroethene	0.72J	ug/L	1.0	0.53	1		03/18/24 20:40	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/18/24 20:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/18/24 20:40	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/18/24 20:40	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	236	mg/L	10.0	2.2	5		03/21/24 17:56	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.9	mg/L	0.50	0.19	1		03/19/24 18:53	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: DUPLICATE Lab ID: 40275512017 Collected: 03/12/24 00:00 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 16:11	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 16:11	79-00-5	
1,1-Dichloroethane	4.2	ug/L	1.0	0.30	1		03/18/24 16:11	75-34-3	
1,1-Dichloroethene	0.77J	ug/L	1.0	0.58	1		03/18/24 16:11	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 16:11	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 16:11	127-18-4	
Trichloroethene	12.7	ug/L	1.0	0.32	1		03/18/24 16:11	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 16:11	75-01-4	
cis-1,2-Dichloroethene	47.5	ug/L	1.0	0.47	1		03/18/24 16:11	156-59-2	
trans-1,2-Dichloroethene	1.8	ug/L	1.0	0.53	1		03/18/24 16:11	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		03/18/24 16:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		03/18/24 16:11	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/18/24 16:11	2037-26-5	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-38 Lab ID: 40275512018 Collected: 03/11/24 16:25 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	1.3J	ug/L	5.6	0.39	1		03/21/24 08:59	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/21/24 08:59	74-85-1	
Methane	266	ug/L	2.8	0.58	1		03/21/24 08:59	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 21:11	7439-89-6	
Manganese, Dissolved	37.2	ug/L	5.0	1.1	1		03/18/24 21:11	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	2.9	ug/L	1.0	0.30	1		03/18/24 19:38	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 19:38	79-00-5	
1,1-Dichloroethane	2.4	ug/L	1.0	0.30	1		03/18/24 19:38	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 19:38	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 19:38	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 19:38	127-18-4	
Trichloroethene	41.5	ug/L	1.0	0.32	1		03/18/24 19:38	79-01-6	
Vinyl chloride	0.31J	ug/L	1.0	0.17	1		03/18/24 19:38	75-01-4	
cis-1,2-Dichloroethene	6.0	ug/L	1.0	0.47	1		03/18/24 19:38	156-59-2	
trans-1,2-Dichloroethene	0.96J	ug/L	1.0	0.53	1		03/18/24 19:38	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		03/18/24 19:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		03/18/24 19:38	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/18/24 19:38	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	216	mg/L	10.0	2.2	5		03/21/24 18:54	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.0	mg/L	0.50	0.19	1		03/19/24 19:13	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-55 Lab ID: 40275512019 Collected: 03/11/24 15:34 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/21/24 09:06	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/21/24 09:06	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/21/24 09:06	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 21:13	7439-89-6	
Manganese, Dissolved	3.4J	ug/L	5.0	1.1	1		03/18/24 21:13	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 16:31	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 16:31	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 16:31	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 16:31	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 16:31	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 16:31	127-18-4	
Trichloroethene	0.53J	ug/L	1.0	0.32	1		03/18/24 16:31	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 16:31	75-01-4	
cis-1,2-Dichloroethene	2.8	ug/L	1.0	0.47	1		03/18/24 16:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 16:31	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		03/18/24 16:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		03/18/24 16:31	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/18/24 16:31	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	88.8	mg/L	20.0	4.4	10		03/25/24 13:20	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.4	mg/L	0.50	0.19	1		03/19/24 19:32	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-37 Lab ID: 40275512020 Collected: 03/11/24 14:48 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/21/24 09:13	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/21/24 09:13	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/21/24 09:13	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 21:15	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/18/24 21:15	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	12.7	ug/L	2.0	0.61	2		03/18/24 21:00	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	2.0	0.69	2		03/18/24 21:00	79-00-5	
1,1-Dichloroethane	5.9	ug/L	2.0	0.59	2		03/18/24 21:00	75-34-3	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		03/18/24 21:00	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		03/18/24 21:00	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		03/18/24 21:00	127-18-4	
Trichloroethene	92.0	ug/L	2.0	0.64	2		03/18/24 21:00	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		03/18/24 21:00	75-01-4	
cis-1,2-Dichloroethene	4.7	ug/L	2.0	0.94	2		03/18/24 21:00	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		03/18/24 21:00	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		2		03/18/24 21:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		2		03/18/24 21:00	2199-69-1	
Toluene-d8 (S)	104	%	70-130		2		03/18/24 21:00	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	129	mg/L	20.0	4.4	10		03/25/24 13:34	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.9	mg/L	0.50	0.19	1		03/19/24 19:52	7440-44-0	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-36D **Lab ID: 40275512021** Collected: 03/11/24 14:12 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 16:52	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 16:52	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 16:52	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 16:52	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 16:52	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 16:52	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/18/24 16:52	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 16:52	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/18/24 16:52	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 16:52	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		03/18/24 16:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/18/24 16:52	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		03/18/24 16:52	2037-26-5	

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ANALYTICAL RESULTS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Sample: MW-36 Lab ID: 40275512022 Collected: 03/11/24 13:29 Received: 03/14/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/21/24 09:20	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/21/24 09:20	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/21/24 09:20	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/18/24 21:21	7439-89-6	
Manganese, Dissolved	5.2	ug/L	5.0	1.1	1		03/18/24 21:21	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	1.3	ug/L	1.0	0.30	1		03/18/24 17:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/18/24 17:13	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/18/24 17:13	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/18/24 17:13	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/18/24 17:13	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/18/24 17:13	127-18-4	
Trichloroethene	14.5	ug/L	1.0	0.32	1		03/18/24 17:13	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/18/24 17:13	75-01-4	
cis-1,2-Dichloroethene	0.54J	ug/L	1.0	0.47	1		03/18/24 17:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/18/24 17:13	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		03/18/24 17:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		03/18/24 17:13	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/18/24 17:13	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	83.5	mg/L	10.0	2.2	5		03/21/24 19:37	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.6	mg/L	0.50	0.19	1		03/19/24 20:11	7440-44-0	

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch:	469416	Analysis Method:	EPA 8015B Modified
QC Batch Method:	EPA 8015B Modified	Analysis Description:	Methane, Ethane, Ethene GCV
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275512001, 40275512002, 40275512003, 40275512004, 40275512005, 40275512006, 40275512009, 40275512010, 40275512012, 40275512013, 40275512015, 40275512016		

METHOD BLANK:	2689589	Matrix:	Water
Associated Lab Samples:	40275512001, 40275512002, 40275512003, 40275512004, 40275512005, 40275512006, 40275512009, 40275512010, 40275512012, 40275512013, 40275512015, 40275512016		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	03/18/24 09:26	
Ethene	ug/L	<0.25	5.0	03/18/24 09:26	
Methane	ug/L	<0.58	2.8	03/18/24 09:26	

Parameter	Units	2689590		2689591		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCS Result	LCS % Rec							
Ethane	ug/L	53.6	57.0	60.6	106	113	80-120	6	20			
Ethene	ug/L	50	52.4	55.7	105	111	80-120	6	20			
Methane	ug/L	28.6	29.4	31.6	103	110	80-120	7	20			

Parameter	Units	2689592		2689593		MS	MSD	MS	MSD	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		40275499008	MS Spike Conc.	MSD Spike Conc.	MS Result										
Ethane	ug/L	<0.39	53.6	53.6	57.0	58.7	106	110	110	77-120	3	20			
Ethene	ug/L	<0.25	50	50	53.2	54.4	106	109	109	76-120	2	20			
Methane	ug/L	1.7J	28.6	28.6	31.4	32.7	104	109	109	12-198	4	26			

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch:	469723	Analysis Method:	EPA 8015B Modified
QC Batch Method:	EPA 8015B Modified	Analysis Description:	Methane, Ethane, Ethene GCV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40275512018, 40275512019, 40275512020, 40275512022

METHOD BLANK: 2691067 Matrix: Water
 Associated Lab Samples: 40275512018, 40275512019, 40275512020, 40275512022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	03/21/24 08:26	
Ethene	ug/L	<0.25	5.0	03/21/24 08:26	
Methane	ug/L	<0.58	2.8	03/21/24 08:26	

LABORATORY CONTROL SAMPLE & LCSD: 2691068 2691069

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	57.8	62.0	108	116	80-120	7	20	
Ethene	ug/L	50	53.6	57.2	107	114	80-120	7	20	
Methane	ug/L	28.6	30.0	32.5	105	114	80-120	8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691070 2691071

Parameter	Units	40275759003		2691070		2691071		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MS Result	MS Spike Conc.	MS Result	MS Spike Conc.				
Ethane	ug/L	<0.39	53.6	53.6	60.9	60.6	114	113	77-120	1	20
Ethene	ug/L	<0.25	50	50	56.5	56.0	113	112	76-120	1	20
Methane	ug/L	<0.58	28.6	28.6	32.8	32.9	115	115	12-198	0	26

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch:	469307	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 6010D	Analysis Description:	ICP Metals, Trace, Dissolved
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275512001, 40275512002, 40275512003, 40275512004, 40275512005, 40275512006, 40275512009, 40275512010, 40275512012, 40275512013, 40275512015, 40275512016, 40275512018, 40275512019, 40275512020, 40275512022		

METHOD BLANK:	2688918	Matrix:	Water
Associated Lab Samples:	40275512001, 40275512002, 40275512003, 40275512004, 40275512005, 40275512006, 40275512009, 40275512010, 40275512012, 40275512013, 40275512015, 40275512016, 40275512018, 40275512019, 40275512020, 40275512022		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	03/18/24 20:32	
Manganese, Dissolved	ug/L	<1.1	5.0	03/18/24 20:32	

LABORATORY CONTROL SAMPLE:	2688919					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	10200	102	80-120	
Manganese, Dissolved	ug/L	250	262	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2688920			2688921								
Parameter	Units	40275512001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	<29.6	10000	10000	10600	10600	106	106	75-125	0	20	
Manganese, Dissolved	ug/L	<1.1	250	250	272	273	109	109	75-125	0	20	

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch:	469269	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275512008, 40275512009, 40275512010, 40275512011, 40275512012, 40275512013, 40275512014, 40275512015, 40275512016, 40275512017, 40275512018, 40275512019, 40275512020, 40275512021, 40275512022		

METHOD BLANK:	2688652	Matrix:	Water
Associated Lab Samples:	40275512008, 40275512009, 40275512010, 40275512011, 40275512012, 40275512013, 40275512014, 40275512015, 40275512016, 40275512017, 40275512018, 40275512019, 40275512020, 40275512021, 40275512022		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/18/24 12:02	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/18/24 12:02	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/18/24 12:02	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/18/24 12:02	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/18/24 12:02	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/18/24 12:02	
Tetrachloroethene	ug/L	<0.41	1.0	03/18/24 12:02	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/18/24 12:02	
Trichloroethene	ug/L	<0.32	1.0	03/18/24 12:02	
Vinyl chloride	ug/L	<0.17	1.0	03/18/24 12:02	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	03/18/24 12:02	
4-Bromofluorobenzene (S)	%	105	70-130	03/18/24 12:02	
Toluene-d8 (S)	%	101	70-130	03/18/24 12:02	

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.1	102	70-132	
1,1,2-Trichloroethane	ug/L	50	49.4	99	70-130	
1,1-Dichloroethane	ug/L	50	49.2	98	70-130	
1,1-Dichloroethene	ug/L	50	53.6	107	73-140	
1,2-Dichloroethane	ug/L	50	48.4	97	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.8	102	70-130	
Tetrachloroethene	ug/L	50	51.0	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.2	110	70-131	
Trichloroethene	ug/L	50	49.4	99	70-130	
Vinyl chloride	ug/L	50	52.5	105	51-145	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	
Toluene-d8 (S)	%			104	70-130	

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		2689630		2689631									
Parameter	Units	40275512010 Result	MS	MSD	MS	MSD	MS	MSD	% Rec		Max		
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual	
1,1,1-Trichloroethane	ug/L	<0.30	50	50	55.1	54.3	110	109	70-132	2	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.6	52.8	103	106	70-130	2	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	53.3	52.9	107	106	70-131	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	58.0	57.4	116	115	69-146	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	53.6	51.9	107	104	70-130	3	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	55.4	55.3	111	111	70-130	0	20		
Tetrachloroethene	ug/L	<0.41	50	50	55.0	55.4	110	111	70-131	1	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	61.6	59.3	123	119	70-135	4	20		
Trichloroethene	ug/L	9.4	50	50	63.1	62.4	108	106	70-130	1	20		
Vinyl chloride	ug/L	<0.17	50	50	56.1	55.5	112	111	45-147	1	20		
1,2-Dichlorobenzene-d4 (S)	%						96	100	70-130				
4-Bromofluorobenzene (S)	%						103	106	70-130				
Toluene-d8 (S)	%						103	105	70-130				

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch: 469408

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275512001

METHOD BLANK: 2689569

Matrix: Water

Associated Lab Samples: 40275512001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/19/24 16:32	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/19/24 16:32	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/19/24 16:32	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/19/24 16:32	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/19/24 16:32	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/19/24 16:32	
Tetrachloroethene	ug/L	<0.41	1.0	03/19/24 16:32	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/19/24 16:32	
Trichloroethene	ug/L	<0.32	1.0	03/19/24 16:32	
Vinyl chloride	ug/L	<0.17	1.0	03/19/24 16:32	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	03/19/24 16:32	
4-Bromofluorobenzene (S)	%	103	70-130	03/19/24 16:32	
Toluene-d8 (S)	%	103	70-130	03/19/24 16:32	

LABORATORY CONTROL SAMPLE: 2689570

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.4	107	70-132	
1,1,2-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1-Dichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethene	ug/L	50	54.2	108	73-140	
1,2-Dichloroethane	ug/L	50	50.4	101	70-130	
cis-1,2-Dichloroethene	ug/L	50	53.7	107	70-130	
Tetrachloroethene	ug/L	50	53.3	107	70-130	
trans-1,2-Dichloroethene	ug/L	50	58.1	116	70-131	
Trichloroethene	ug/L	50	55.7	111	70-130	
Vinyl chloride	ug/L	50	53.3	107	51-145	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2689912 2689913

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275477001	Result	Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50	52.7	51.8	105	104	70-132	2	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50	48.6	48.9	97	98	70-130	1	20	

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Parameter	Units	2689912		2689913		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275477001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1-Dichloroethane	ug/L	<0.30	50	50	50.9	50.4	102	101	70-131	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	54.2	53.4	108	107	69-146	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	50.1	49.6	100	99	70-130	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.5	51.7	105	103	70-130	1	20		
Tetrachloroethene	ug/L	<0.41	50	50	53.1	53.0	106	106	70-131	0	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	58.1	56.4	116	113	70-135	3	20		
Trichloroethene	ug/L	<0.32	50	50	52.0	51.2	104	102	70-130	2	20		
Vinyl chloride	ug/L	<0.17	50	50	53.7	51.8	107	104	45-147	4	20		
1,2-Dichlorobenzene-d4 (S)	%						100	98	70-130				
4-Bromofluorobenzene (S)	%						105	103	70-130				
Toluene-d8 (S)	%						104	104	70-130				

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch: 469566

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275512004, 40275512005, 40275512006, 40275512007

METHOD BLANK: 2690284

Matrix: Water

Associated Lab Samples: 40275512004, 40275512005, 40275512006, 40275512007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/21/24 16:16	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/21/24 16:16	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/21/24 16:16	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/21/24 16:16	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/21/24 16:16	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/21/24 16:16	
Tetrachloroethene	ug/L	<0.41	1.0	03/21/24 16:16	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/21/24 16:16	
Trichloroethene	ug/L	<0.32	1.0	03/21/24 16:16	
Vinyl chloride	ug/L	<0.17	1.0	03/21/24 16:16	
1,2-Dichlorobenzene-d4 (S)	%	96	70-130	03/21/24 16:16	
4-Bromofluorobenzene (S)	%	102	70-130	03/21/24 16:16	
Toluene-d8 (S)	%	101	70-130	03/21/24 16:16	

LABORATORY CONTROL SAMPLE: 2690285

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.5	105	70-132	
1,1,2-Trichloroethane	ug/L	50	50.5	101	70-130	
1,1-Dichloroethane	ug/L	50	51.5	103	70-130	
1,1-Dichloroethene	ug/L	50	54.4	109	73-140	
1,2-Dichloroethane	ug/L	50	51.4	103	70-130	
cis-1,2-Dichloroethene	ug/L	50	52.9	106	70-130	
Tetrachloroethene	ug/L	50	53.2	106	70-130	
trans-1,2-Dichloroethene	ug/L	50	57.4	115	70-131	
Trichloroethene	ug/L	50	51.3	103	70-130	
Vinyl chloride	ug/L	50	52.2	104	51-145	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691531 2691532

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275512006	Result	Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50	52.8	51.9	106	104	70-132	2	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50	51.9	50.5	104	101	70-130	3	20	

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Parameter	Units	2691531		2691532		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275512006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1-Dichloroethane	ug/L	<0.30	50	50	50.7	50.8	101	102	70-131	0	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	54.0	52.7	108	105	69-146	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	49.9	49.7	100	99	70-130	0	20		
cis-1,2-Dichloroethene	ug/L	11.5	50	50	63.4	62.4	104	102	70-130	2	20		
Tetrachloroethene	ug/L	<0.41	50	50	53.6	52.4	107	105	70-131	2	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	57.4	57.3	115	115	70-135	0	20		
Trichloroethene	ug/L	7.7	50	50	59.2	58.5	103	102	70-130	1	20		
Vinyl chloride	ug/L	<0.17	50	50	54.2	54.1	108	108	45-147	0	20		
1,2-Dichlorobenzene-d4 (S)	%						98	99	70-130				
4-Bromofluorobenzene (S)	%						103	104	70-130				
Toluene-d8 (S)	%						105	102	70-130				

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch: 469716

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275512003

METHOD BLANK: 2691049

Matrix: Water

Associated Lab Samples: 40275512003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/22/24 16:20	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/22/24 16:20	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/22/24 16:20	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/22/24 16:20	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/22/24 16:20	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/22/24 16:20	
Tetrachloroethene	ug/L	<0.41	1.0	03/22/24 16:20	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/22/24 16:20	
Trichloroethene	ug/L	<0.32	1.0	03/22/24 16:20	
Vinyl chloride	ug/L	<0.17	1.0	03/22/24 16:20	
1,2-Dichlorobenzene-d4 (S)	%	97	70-130	03/22/24 16:20	
4-Bromofluorobenzene (S)	%	101	70-130	03/22/24 16:20	
Toluene-d8 (S)	%	96	70-130	03/22/24 16:20	

LABORATORY CONTROL SAMPLE: 2691050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.5	111	70-132	
1,1,2-Trichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethane	ug/L	50	54.9	110	70-130	
1,1-Dichloroethene	ug/L	50	56.1	112	73-140	
1,2-Dichloroethane	ug/L	50	56.0	112	70-130	
cis-1,2-Dichloroethene	ug/L	50	56.5	113	70-130	
Tetrachloroethene	ug/L	50	51.4	103	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.3	111	70-131	
Trichloroethene	ug/L	50	59.0	118	70-130	
Vinyl chloride	ug/L	50	52.6	105	51-145	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692838 2692839

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275756001	Result	Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	56.9	57.4	114	115	70-132	1	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.6	52.1	105	104	70-130	1	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Parameter	Units	2692838		2692839		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275756001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1-Dichloroethane	ug/L	<0.30	50	50	55.8	56.8	112	114	70-131	2	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	59.7	60.5	119	121	69-146	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	57.6	58.1	115	116	70-130	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	58.9	59.3	118	119	70-130	1	20		
Tetrachloroethene	ug/L	<0.41	50	50	51.2	52.4	102	105	70-131	2	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	57.5	58.0	115	116	70-135	1	20		
Trichloroethene	ug/L	<0.32	50	50	59.7	59.8	119	120	70-130	0	20		
Vinyl chloride	ug/L	<0.17	50	50	61.7	62.6	123	125	45-147	1	20		
1,2-Dichlorobenzene-d4 (S)	%						96	99	70-130				
4-Bromofluorobenzene (S)	%						97	96	70-130				
Toluene-d8 (S)	%						95	96	70-130				

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch: 469776

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275512002

METHOD BLANK: 2691382

Matrix: Water

Associated Lab Samples: 40275512002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/26/24 08:37	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/26/24 08:37	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/26/24 08:37	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/26/24 08:37	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/26/24 08:37	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/26/24 08:37	
Tetrachloroethene	ug/L	<0.41	1.0	03/26/24 08:37	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/26/24 08:37	
Trichloroethene	ug/L	<0.32	1.0	03/26/24 08:37	
Vinyl chloride	ug/L	<0.17	1.0	03/26/24 08:37	
1,2-Dichlorobenzene-d4 (S)	%	97	70-130	03/26/24 08:37	
4-Bromofluorobenzene (S)	%	98	70-130	03/26/24 08:37	
Toluene-d8 (S)	%	96	70-130	03/26/24 08:37	

LABORATORY CONTROL SAMPLE: 2691383

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.2	108	70-132	
1,1,2-Trichloroethane	ug/L	50	48.5	97	70-130	
1,1-Dichloroethane	ug/L	50	53.0	106	70-130	
1,1-Dichloroethene	ug/L	50	55.2	110	73-140	
1,2-Dichloroethane	ug/L	50	52.5	105	70-130	
cis-1,2-Dichloroethene	ug/L	50	56.2	112	70-130	
Tetrachloroethene	ug/L	50	48.2	96	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.4	111	70-131	
Trichloroethene	ug/L	50	56.2	112	70-130	
Vinyl chloride	ug/L	50	53.6	107	51-145	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			92	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692680 2692681

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275862003	Result	Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	57.7	60.8	115	122	70-132	5	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.8	58.7	102	117	70-130	14	20		

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Parameter	Units	2692680		2692681		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275862003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1-Dichloroethane	ug/L	0.46J	50	50	57.3	61.9	114	123	70-131	8	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	58.4	61.2	117	122	69-146	5	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	56.1	62.3	112	125	70-130	11	20		
cis-1,2-Dichloroethene	ug/L	16.8	50	50	77.0	82.2	120	131	70-130	7	20	M1	
Tetrachloroethene	ug/L	<0.41	50	50	51.3	57.0	103	114	70-131	11	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	59.0	62.7	118	125	70-135	6	20		
Trichloroethene	ug/L	21.1	50	50	81.6	85.4	121	129	70-130	5	20		
Vinyl chloride	ug/L	<0.17	50	50	58.2	58.3	116	117	45-147	0	20		
1,2-Dichlorobenzene-d4 (S)	%						96	97	70-130				
4-Bromofluorobenzene (S)	%						95	96	70-130			HS	
Toluene-d8 (S)	%						94	93	70-130				

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch:	469598	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275512001, 40275512002, 40275512003, 40275512004, 40275512005, 40275512006, 40275512009, 40275512010, 40275512012		

METHOD BLANK:	2690404	Matrix:	Water
Associated Lab Samples:	40275512001, 40275512002, 40275512003, 40275512004, 40275512005, 40275512006, 40275512009, 40275512010, 40275512012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	03/20/24 13:02	

LABORATORY CONTROL SAMPLE: 2690405						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.3	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690406												2690407	
Parameter	Units	40275484004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Sulfate	mg/L	484	400	400	871	881	97	99	90-110	1	15		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690408												2690409	
Parameter	Units	40275489006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Sulfate	mg/L	35.6	100	100	145	144	110	109	90-110	1	15		

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch:	469682	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275512013, 40275512015, 40275512016, 40275512018, 40275512019, 40275512020, 40275512022		

METHOD BLANK: 2690911 Matrix: Water
 Associated Lab Samples: 40275512013, 40275512015, 40275512016, 40275512018, 40275512019, 40275512020, 40275512022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	03/21/24 11:39	

LABORATORY CONTROL SAMPLE: 2690912

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.7	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690913 2690914

Parameter	Units	2690913		2690914		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275512013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Sulfate	mg/L	203	200	200	430	399	114	98	90-110	7	15 M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2690915 2690916

Parameter	Units	2690915		2690916		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275537001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Sulfate	mg/L	133	200	200	356	349	112	108	90-110	2	15 M0

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QUALITY CONTROL DATA

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

QC Batch:	469503	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275512001, 40275512002, 40275512003, 40275512004, 40275512005, 40275512006, 40275512009, 40275512010, 40275512012, 40275512013, 40275512015, 40275512016, 40275512018, 40275512019, 40275512020, 40275512022		

METHOD BLANK:	2689952	Matrix:	Water
Associated Lab Samples:	40275512001, 40275512002, 40275512003, 40275512004, 40275512005, 40275512006, 40275512009, 40275512010, 40275512012, 40275512013, 40275512015, 40275512016, 40275512018, 40275512019, 40275512020, 40275512022		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.19	0.50	03/19/24 13:24	

LABORATORY CONTROL SAMPLE:	2689953					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	11.7	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2689954			2689955								
Parameter	Units	40275512001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	3.8	18	18	20.3	20.6	91	93	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2689956			2689957								
Parameter	Units	40275512002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	3.8	18	18	20.2	20.0	91	90	80-120	1	10	

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QUALIFIERS

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

DL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275512001	MW-11	EPA 8015B Modified	469416		
40275512002	MW-13	EPA 8015B Modified	469416		
40275512003	MW-15	EPA 8015B Modified	469416		
40275512004	MW-9D	EPA 8015B Modified	469416		
40275512005	MW-9	EPA 8015B Modified	469416		
40275512006	MW-9D2	EPA 8015B Modified	469416		
40275512009	NMW-3	EPA 8015B Modified	469416		
40275512010	MW-44	EPA 8015B Modified	469416		
40275512012	MW-56	EPA 8015B Modified	469416		
40275512013	MW-39	EPA 8015B Modified	469416		
40275512015	MW-25R	EPA 8015B Modified	469416		
40275512016	MW-26	EPA 8015B Modified	469416		
40275512018	MW-38	EPA 8015B Modified	469723		
40275512019	MW-55	EPA 8015B Modified	469723		
40275512020	MW-37	EPA 8015B Modified	469723		
40275512022	MW-36	EPA 8015B Modified	469723		
40275512001	MW-11	EPA 6010D	469307		
40275512002	MW-13	EPA 6010D	469307		
40275512003	MW-15	EPA 6010D	469307		
40275512004	MW-9D	EPA 6010D	469307		
40275512005	MW-9	EPA 6010D	469307		
40275512006	MW-9D2	EPA 6010D	469307		
40275512009	NMW-3	EPA 6010D	469307		
40275512010	MW-44	EPA 6010D	469307		
40275512012	MW-56	EPA 6010D	469307		
40275512013	MW-39	EPA 6010D	469307		
40275512015	MW-25R	EPA 6010D	469307		
40275512016	MW-26	EPA 6010D	469307		
40275512018	MW-38	EPA 6010D	469307		
40275512019	MW-55	EPA 6010D	469307		
40275512020	MW-37	EPA 6010D	469307		
40275512022	MW-36	EPA 6010D	469307		
40275512001	MW-11	EPA 8260	469408		
40275512002	MW-13	EPA 8260	469776		
40275512003	MW-15	EPA 8260	469716		
40275512004	MW-9D	EPA 8260	469566		
40275512005	MW-9	EPA 8260	469566		
40275512006	MW-9D2	EPA 8260	469566		
40275512007	TRIP BLANK	EPA 8260	469566		
40275512008	MW-45	EPA 8260	469269		
40275512009	NMW-3	EPA 8260	469269		
40275512010	MW-44	EPA 8260	469269		
40275512011	MW-56D	EPA 8260	469269		
40275512012	MW-56	EPA 8260	469269		
40275512013	MW-39	EPA 8260	469269		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NAVISTAR 1Q24

Pace Project No.: 40275512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275512014	MW-27	EPA 8260	469269		
40275512015	MW-25R	EPA 8260	469269		
40275512016	MW-26	EPA 8260	469269		
40275512017	DUPLICATE	EPA 8260	469269		
40275512018	MW-38	EPA 8260	469269		
40275512019	MW-55	EPA 8260	469269		
40275512020	MW-37	EPA 8260	469269		
40275512021	MW-36D	EPA 8260	469269		
40275512022	MW-36	EPA 8260	469269		
40275512001	MW-11	EPA 300.0	469598		
40275512002	MW-13	EPA 300.0	469598		
40275512003	MW-15	EPA 300.0	469598		
40275512004	MW-9D	EPA 300.0	469598		
40275512005	MW-9	EPA 300.0	469598		
40275512006	MW-9D2	EPA 300.0	469598		
40275512009	NMW-3	EPA 300.0	469598		
40275512010	MW-44	EPA 300.0	469598		
40275512012	MW-56	EPA 300.0	469598		
40275512013	MW-39	EPA 300.0	469682		
40275512015	MW-25R	EPA 300.0	469682		
40275512016	MW-26	EPA 300.0	469682		
40275512018	MW-38	EPA 300.0	469682		
40275512019	MW-55	EPA 300.0	469682		
40275512020	MW-37	EPA 300.0	469682		
40275512022	MW-36	EPA 300.0	469682		
40275512001	MW-11	SM 5310C	469503		
40275512002	MW-13	SM 5310C	469503		
40275512003	MW-15	SM 5310C	469503		
40275512004	MW-9D	SM 5310C	469503		
40275512005	MW-9	SM 5310C	469503		
40275512006	MW-9D2	SM 5310C	469503		
40275512009	NMW-3	SM 5310C	469503		
40275512010	MW-44	SM 5310C	469503		
40275512012	MW-56	SM 5310C	469503		
40275512013	MW-39	SM 5310C	469503		
40275512015	MW-25R	SM 5310C	469503		
40275512016	MW-26	SM 5310C	469503		
40275512018	MW-38	SM 5310C	469503		
40275512019	MW-55	SM 5310C	469503		
40275512020	MW-37	SM 5310C	469503		
40275512022	MW-36	SM 5310C	469503		

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Pace* Location Requested (City/State):

Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

40275512

Company Name: KPRG AND ASSOCIATES, INC.
Street Address: 14665 W. Lisbon Road, Suite 1A
Brookfield, WI 53005

Customer Project #:
Project Name: NAVISTAR 1Q24

Site Collection Info/Facility ID (as applicable):

Time Zone Collected: [] AK [] PT [] MT [X] CT [] ET

Contact/Report To: Rich Gnat
Phone #: 262-781-0475
E-Mail: richardg@kprginc.com
Cc E-Mail:

Invoice To: AP-Attn Kelly
Invoice E-Mail: admindesk@kprginc.com
Purchase Order # (if applicable):
Quote #:

County / State origin of sample(s): Wisconsin

Specify Container Size **
6 3 6 2 4
Identify Container Preservative Type***
4 2 4 1 3
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Data Deliverables:
[] Level II [] Level III [] Level IV
[] EQUIS
[] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other
Date Results Requested: Standard
Field Filtered (if applicable): [X] Yes [] No
Analysis: Iron/Manganese, dissolved

Analysis Requested	GC	Iron/Manganese, dissolved	Methane, Ethane, Ethene	Sulfate	TOC
GC	X	X	X	X	X
Iron/Manganese, dissolved	X	X	X	X	X
Methane, Ethane, Ethene	X	X	X	X	X
Sulfate	X	X	X	X	X
TOC	X	X	X	X	X

Proj. Mgr: Dan Milewsky
AcctNum / Client ID:
Table #:
Profile / Template: 463
Prelog / Bottle Ord. ID: EZ 3074227
Sample Comment

* Matrix Codes (Insert in Matrix box below). Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		CVC	Iron/Manganese, dissolved	Methane, Ethane, Ethene	Sulfate	TOC
			Date	Time	Date	Time		Results	Units					
MW-11	GW	G	3/13/24	1429	-	-	9	-	-	X	X	X	X	X
MW-13				1328	-	-		-	-	X	X	X	X	X
MW-15				1240	-	-		-	-	X	X	X	X	X
MW-9D				1150	-	-		-	-	X	X	X	X	X
NMW-9				1111	-	-		-	-	X	X	X	X	X
MW-9DZ	GW	G	3/13/24	0956	-	-	9	-	-	X	X	X	X	X
Trip Blank							4	-	-	X				
Temperature Blank														
MW-45	GW	G	3/12/24	1613	-	-	3	-	-	X				
NMW-3	GW	G	3/12/24	1526			9	-	-	X	X	X	X	X

Preservation non-conformance identified for sample
TOC preservative type (3) H2SO4
001
002
003
004
005
006
007
008
009

Additional Instructions from Pace*:

Collected By: Jack Misner
Signature: *Jack Misner*

Customer Remarks / Special Conditions / Possible Hazards:
Coolers: Thermometer ID Correction Factor (°C) Obs Temp (°C) Corrected Temp (°C) On Ice

Relinquished by/Company (Signature): *Jack Misner* KPRG
Date/Time: 3/13/24 1700
Relinquished by/Company (Signature): CS Logistics
Date/Time: 3/14/24 0900

Received by/Company (Signature): *CS Logistics*
Date/Time: 3/13/24 1700
Received by/Company (Signature): *pace*
Date/Time: 3/14/24 0900

Tracking Number:
Delivered by [] In-Person [] Courier
[] FedEx [] UPS [] Other

Page: 12 of 13

Pace® Location Requested (City/State):
Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: KPRG AND ASSOCIATES, INC.
Street Address: 14665 W. Lisbon Road, Suite 1A
Brookfield, WI 53005

Contact/Report To: Rich Gnat
Phone #: 262-781-0475
E-Mail: richardg@kprginc.com
Cc E-Mail:

Customer Project #
Project Name: NAVISTAR 1Q24

Site Collection Info/Facility ID (as applicable):

Invoice To: AP-Attn Kelly
Invoice E-Mail: admindesk@kprginc.com

Purchase Order # (if applicable):
Quote #:

Time Zone Collected: [] AK [] PT [] MT CT [] ET
County / State origin of sample(s): Wisconsin

Data Deliverables:
[] Level II [] Level III [] Level IV
[] EQUIS
[] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No

Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other

Date Results Requested: Standard
Field Filtered (if applicable): Yes [] No
Analysis: Iron/Manganese, dissolved

*** Matrix Codes (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		CVOC	Iron/Manganese, dissolved	Methane, Ethane, Ethene	Sulfate	TOC	Sample Comment
			Date	Time	Date	Time		Results	Units						
MW-37	GW	G	3/11/24	1448			9			X	X	X	X	X	020
MW-36D	GW	G	3/11/24	1412			3			X					021
MW-36	GW	G	3/11/24	1329			9			X	X	X	X	X	022

Additional Instructions from Pace®:

Collected By: Jack Misner
(Printed Name)
Signature: *Jack Misner*

Customer Remarks / Special Conditions / Possible Hazards:
Coolers. Thermometer ID Correction Factor (°C) Obs. Temp. (°C) Corrected Temp. (°C) On Ice.

Relinquished by/Company (Signature): *Jack Misner* KPRG
Date/Time: 3/13/24 1700
Received by/Company (Signature): CS Logistics
Date/Time: 3/13/24 1700
Tracking Number:

Relinquished by/Company (Signature): CS Logistics
Date/Time: 3/14/24 0900
Received by/Company (Signature): *[Signature]* PACE
Date/Time: 3/14/24 0900
Delivered by: [] In-Person [] Courier
[] FedEx [] UPS [] Other

Relinquished by/Company (Signature):
Date/Time:
Received by/Company (Signature):
Date/Time:

Relinquished by/Company (Signature):
Date/Time:
Received by/Company (Signature):
Date/Time:

Page: 35 of 63

LAB USE ONLY- Affix Workorder/Login Label Here
40275512
Scan QR Code for instructions

Specify Container Size **
6 3 0 2 4

Identify Container Preservative Type***
4 2 4 1 3

Analysis Requested

Proj. Mgr: Dan Milewsky
AcctNum / Client ID:
Table #:
Profile / Template: 463
Prelog / Bottle Ord. ID: EZ 3074227
Sample Comment

Lab Use Only
Preservation non-conformance identified for sample.

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: KPRG + Associates

Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____

WO#: 40275512



40275512

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR-134 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr. 1.0/0.5/Corr. 1.0/0.5

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:

Date: 3/14/24 /Initials: NJK

Labeled By Initials: [Signature]

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>Proj.#,</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>3/14/24</u> "code" time says <u>10/6</u> <u>3/14/24</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>515</u>		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample log in



April 09, 2024

Rich Gnat
KPRG AND ASSOCIATES, INC.
14665 W. Lisbon Road
Suite 1A
Brookfield, WI 53005

RE: Project: 11717 NAVISTAR 1Q24
Pace Project No.: 40275803

Dear Rich Gnat:

Enclosed are the analytical results for sample(s) received by the laboratory on March 21, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tod Noltemeyer for
Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Patrick Allenstein, KPRG and Associates, Inc.
Jack Misner, KPRG AND ASSOCIATES, INC.
Kaelyn Sperle, KPRG and Associates, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

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SAMPLE SUMMARY

Project: 11717 NAVISTAR 1Q24
Pace Project No.: 40275803

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40275803001	MW-47	Water	03/15/24 15:49	03/21/24 09:00
40275803002	MW-41	Water	03/18/24 10:22	03/21/24 09:00
40275803003	MW-35	Water	03/18/24 11:03	03/21/24 09:00
40275803004	MW-40	Water	03/18/24 11:37	03/21/24 09:00
40275803005	MW-48	Water	03/18/24 12:14	03/21/24 09:00
40275803006	MW-50	Water	03/18/24 13:13	03/21/24 09:00
40275803007	MW-49	Water	03/18/24 13:55	03/21/24 09:00
40275803008	MW-42	Water	03/18/24 14:35	03/21/24 09:00
40275803009	MW-34	Water	03/18/24 15:23	03/21/24 09:00
40275803010	DUPLICATE 3	Water	03/18/24 00:00	03/21/24 09:00
40275803011	MW-24	Water	03/14/24 09:45	03/21/24 09:00
40275803012	MW-24D	Water	03/14/24 10:39	03/21/24 09:00
40275803013	MW-54	Water	03/15/24 09:30	03/21/24 09:00
40275803014	MW-53	Water	03/15/24 10:20	03/21/24 09:00
40275803015	MW-29D	Water	03/15/24 11:51	03/21/24 09:00
40275803016	MW-29	Water	03/15/24 12:24	03/21/24 09:00
40275803017	MW-52	Water	03/15/24 13:23	03/21/24 09:00
40275803018	MW-51	Water	03/15/24 14:05	03/21/24 09:00
40275803019	MW-46	Water	03/15/24 14:59	03/21/24 09:00
40275803020	DUPLICATE 2	Water	03/15/24 00:00	03/21/24 09:00
40275803021	MW-28	Water	03/18/24 15:57	03/21/24 09:00
40275803022	MW-33	Water	03/19/24 09:43	03/21/24 09:00
40275803023	MW-43	Water	03/19/24 10:28	03/21/24 09:00
40275803024	NMW-8R	Water	03/19/24 11:25	03/21/24 09:00
40275803025	MW-30	Water	03/19/24 12:26	03/21/24 09:00
40275803026	NMW-1	Water	03/19/24 13:21	03/21/24 09:00
40275803027	NMW-7	Water	03/19/24 14:04	03/21/24 09:00
40275803028	MW-23	Water	03/19/24 14:51	03/21/24 09:00
40275803029	MW-31	Water	03/19/24 15:26	03/21/24 09:00
40275803030	NMW-4	Water	03/19/24 16:09	03/21/24 09:00
40275803031	CREEK-UPSTREAM	Water	03/20/24 09:15	03/21/24 09:00
40275803032	CREEK-DOWNSTREAM	Water	03/20/24 09:45	03/21/24 09:00
40275803033	TRIP BLANK	Water	03/20/24 00:00	03/21/24 09:00
40275803034	HOBO SPRING	Water	03/20/24 09:37	03/21/24 09:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40275803001	MW-47	EPA 8260	NB	13	PASI-G
40275803002	MW-41	EPA 8260	NB	13	PASI-G
40275803003	MW-35	EPA 8260	NB	13	PASI-G
40275803004	MW-40	EPA 8260	NB	13	PASI-G
40275803005	MW-48	EPA 8260	NB	13	PASI-G
40275803006	MW-50	EPA 8260	NB	13	PASI-G
40275803007	MW-49	EPA 8260	NB	13	PASI-G
40275803008	MW-42	EPA 8260	NB	13	PASI-G
40275803009	MW-34	EPA 8260	NB	13	PASI-G
40275803010	DUPLICATE 3	EPA 8260	NB	13	PASI-G
40275803011	MW-24	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275803012	MW-24D	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	NB	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275803013	MW-54	EPA 8260	NB	13	PASI-G
40275803014	MW-53	EPA 8260	NB	13	PASI-G
40275803015	MW-29D	EPA 8260	NB	13	PASI-G
40275803016	MW-29	EPA 8260	NB	13	PASI-G
40275803017	MW-52	EPA 8260	NB	13	PASI-G
40275803018	MW-51	EPA 8260	NB	13	PASI-G
40275803019	MW-46	EPA 8260	NB	13	PASI-G
40275803020	DUPLICATE 2	EPA 8260	NB	13	PASI-G
40275803021	MW-28	EPA 8260	CXJ	13	PASI-G
40275803022	MW-33	EPA 8260	CXJ	13	PASI-G
40275803023	MW-43	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275803024	NMW-8R	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40275803025	MW-30	EPA 8260	CXJ	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
40275803026	NMW-1	EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
40275803027	NMW-7	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40275803028	MW-23	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
40275803029	MW-31	EPA 6010D	SIS	2	PASI-G
		EPA 8260	CXJ	13	PASI-G
		EPA 300.0	HMB	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6010D	SIS	2	PASI-G
40275803030	NMW-4	EPA 8260	CXJ	13	PASI-G
40275803031	CREEK-UPSTREAM	EPA 8260	CXJ	13	PASI-G
40275803032	CREEK-DOWNSTREAM	EPA 8260	CXJ	13	PASI-G
40275803033	TRIP BLANK	EPA 8260	CXJ	13	PASI-G
40275803034	HOBO SPRING	EPA 8260	CXJ	13	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40275803002	MW-41					
EPA 8260	1,1,1-Trichloroethane	36.3	ug/L	2.0	03/26/24 16:09	
EPA 8260	1,1-Dichloroethane	13.0	ug/L	2.0	03/26/24 16:09	
EPA 8260	1,1-Dichloroethene	3.0	ug/L	2.0	03/26/24 16:09	
EPA 8260	Trichloroethene	201	ug/L	2.0	03/26/24 16:09	
EPA 8260	cis-1,2-Dichloroethene	2.3	ug/L	2.0	03/26/24 16:09	
40275803003	MW-35					
EPA 8260	1,1,1-Trichloroethane	59.0	ug/L	2.5	03/26/24 15:48	
EPA 8260	1,1-Dichloroethane	23.9	ug/L	2.5	03/26/24 15:48	
EPA 8260	1,1-Dichloroethene	5.5	ug/L	2.5	03/26/24 15:48	
EPA 8260	Trichloroethene	401	ug/L	2.5	03/26/24 15:48	
EPA 8260	cis-1,2-Dichloroethene	8.0	ug/L	2.5	03/26/24 15:48	
40275803004	MW-40					
EPA 8260	1,1,1-Trichloroethane	31.2	ug/L	2.0	03/26/24 18:04	
EPA 8260	1,1-Dichloroethane	11.4	ug/L	2.0	03/26/24 18:04	
EPA 8260	1,1-Dichloroethene	2.7	ug/L	2.0	03/26/24 18:04	
EPA 8260	Trichloroethene	188	ug/L	2.0	03/26/24 18:04	
EPA 8260	cis-1,2-Dichloroethene	5.9	ug/L	2.0	03/26/24 18:04	
40275803005	MW-48					
EPA 8260	Trichloroethene	0.38J	ug/L	1.0	03/26/24 11:19	
40275803006	MW-50					
EPA 8260	1,1,1-Trichloroethane	1.3	ug/L	1.0	03/26/24 13:44	
EPA 8260	1,1-Dichloroethane	0.77J	ug/L	1.0	03/26/24 13:44	
EPA 8260	Trichloroethene	13.2	ug/L	1.0	03/26/24 13:44	
40275803007	MW-49					
EPA 8260	1,1,1-Trichloroethane	2.2	ug/L	1.0	03/27/24 22:52	
EPA 8260	1,1-Dichloroethane	0.86J	ug/L	1.0	03/27/24 22:52	
EPA 8260	Trichloroethene	12.1	ug/L	1.0	03/27/24 22:52	
40275803008	MW-42					
EPA 8260	1,1,1-Trichloroethane	20.5	ug/L	2.0	03/26/24 19:48	
EPA 8260	1,1-Dichloroethane	8.5	ug/L	2.0	03/26/24 19:48	
EPA 8260	1,1-Dichloroethene	1.7J	ug/L	2.0	03/26/24 19:48	
EPA 8260	Trichloroethene	122	ug/L	2.0	03/26/24 19:48	
EPA 8260	cis-1,2-Dichloroethene	3.3	ug/L	2.0	03/26/24 19:48	
40275803011	MW-24					
EPA 8015B Modified	Methane	3.2	ug/L	2.8	03/26/24 11:33	
EPA 8260	1,1,1-Trichloroethane	1.8	ug/L	1.0	03/27/24 23:34	
EPA 8260	1,1-Dichloroethane	1.3	ug/L	1.0	03/27/24 23:34	
EPA 8260	Trichloroethene	26.3	ug/L	1.0	03/27/24 23:34	
EPA 8260	cis-1,2-Dichloroethene	1.9	ug/L	1.0	03/27/24 23:34	
EPA 300.0	Sulfate	568	mg/L	40.0	04/05/24 22:05	
SM 5310C	Total Organic Carbon	4.2	mg/L	1.0	03/25/24 12:14	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40275803012	MW-24D					
EPA 8260	Trichloroethene	0.64J	ug/L	1.0	03/26/24 14:26	
EPA 8260	cis-1,2-Dichloroethene	1.2	ug/L	1.0	03/26/24 14:26	
EPA 300.0	Sulfate	20.2	mg/L	2.0	04/05/24 22:20	
SM 5310C	Total Organic Carbon	1.9	mg/L	1.0	03/25/24 13:04	
40275803013	MW-54					
EPA 8260	Trichloroethene	0.38J	ug/L	1.0	03/26/24 12:01	
40275803016	MW-29					
EPA 8260	1,1,1-Trichloroethane	10.7	ug/L	1.0	03/26/24 15:28	
EPA 8260	1,1-Dichloroethane	5.3	ug/L	1.0	03/26/24 15:28	
EPA 8260	1,1-Dichloroethene	0.94J	ug/L	1.0	03/26/24 15:28	
EPA 8260	Trichloroethene	80.7	ug/L	1.0	03/26/24 15:28	
EPA 8260	cis-1,2-Dichloroethene	4.6	ug/L	1.0	03/26/24 15:28	
40275803017	MW-52					
EPA 8260	Trichloroethene	3.9	ug/L	1.0	03/26/24 12:42	
40275803020	DUPLICATE 2					
EPA 8260	1,1,1-Trichloroethane	10.1	ug/L	1.0	03/28/24 09:50	
EPA 8260	1,1-Dichloroethane	4.7	ug/L	1.0	03/28/24 09:50	
EPA 8260	1,1-Dichloroethene	1.1	ug/L	1.0	03/28/24 09:50	
EPA 8260	Trichloroethene	70.0	ug/L	1.0	03/28/24 09:50	
EPA 8260	cis-1,2-Dichloroethene	4.5	ug/L	1.0	03/28/24 09:50	
40275803021	MW-28					
EPA 8260	Tetrachloroethene	0.62J	ug/L	1.0	03/26/24 22:07	
EPA 8260	Trichloroethene	1.1	ug/L	1.0	03/26/24 22:07	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	03/26/24 22:07	
40275803022	MW-33					
EPA 8260	Trichloroethene	3.2	ug/L	1.0	03/27/24 00:24	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	03/27/24 00:24	
40275803023	MW-43					
EPA 8015B Modified	Ethane	1.1J	ug/L	5.6	03/27/24 10:33	
EPA 8015B Modified	Methane	242	ug/L	2.8	03/27/24 10:33	
EPA 6010D	Iron, Dissolved	721	ug/L	100	03/27/24 22:42	
EPA 6010D	Manganese, Dissolved	438	ug/L	5.0	03/27/24 22:42	
EPA 8260	Vinyl chloride	1.4	ug/L	1.0	03/27/24 00:44	
EPA 8260	cis-1,2-Dichloroethene	0.77J	ug/L	1.0	03/27/24 00:44	
EPA 300.0	Sulfate	734	mg/L	40.0	04/05/24 22:35	
SM 5310C	Total Organic Carbon	7.1	mg/L	1.5	03/25/24 13:19	
40275803024	NMW-8R					
EPA 8015B Modified	Methane	1.8J	ug/L	2.8	03/27/24 10:39	
EPA 6010D	Manganese, Dissolved	1.2J	ug/L	5.0	03/27/24 22:44	
EPA 8260	1,1,1-Trichloroethane	37.9	ug/L	1.0	03/27/24 01:03	
EPA 8260	1,1-Dichloroethane	14.0	ug/L	1.0	03/27/24 01:03	
EPA 8260	Trichloroethene	171	ug/L	1.0	03/27/24 01:03	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40275803024	NMW-8R					
EPA 8260	cis-1,2-Dichloroethene	2.8	ug/L	1.0	03/27/24 01:03	
EPA 8260	trans-1,2-Dichloroethene	0.53J	ug/L	1.0	03/27/24 01:03	
EPA 300.0	Sulfate	869	mg/L	100	04/05/24 22:50	
SM 5310C	Total Organic Carbon	3.1	mg/L	0.50	03/25/24 14:10	
40275803025	MW-30					
EPA 8015B Modified	Methane	21.3	ug/L	2.8	03/27/24 10:47	
EPA 6010D	Manganese, Dissolved	21.4	ug/L	5.0	03/27/24 22:46	
EPA 8260	1,1,1-Trichloroethane	35.1	ug/L	20.0	03/27/24 02:02	
EPA 8260	1,1-Dichloroethane	33.1	ug/L	20.0	03/27/24 02:02	
EPA 8260	1,1-Dichloroethene	15.2J	ug/L	20.0	03/27/24 02:02	
EPA 8260	Trichloroethene	955	ug/L	20.0	03/27/24 02:02	
EPA 8260	cis-1,2-Dichloroethene	24.1	ug/L	20.0	03/27/24 02:02	
EPA 300.0	Sulfate	182	mg/L	20.0	04/05/24 23:04	
SM 5310C	Total Organic Carbon	2.1	mg/L	0.50	03/25/24 14:29	
40275803026	NMW-1					
EPA 8260	1,1,1-Trichloroethane	67.1	ug/L	4.0	03/27/24 02:41	
EPA 8260	1,1-Dichloroethane	27.6	ug/L	4.0	03/27/24 02:41	
EPA 8260	Trichloroethene	450	ug/L	4.0	03/27/24 02:41	
EPA 8260	cis-1,2-Dichloroethene	4.6	ug/L	4.0	03/27/24 02:41	
EPA 300.0	Sulfate	77.3	mg/L	10.0	04/05/24 23:19	
SM 5310C	Total Organic Carbon	2.3	mg/L	0.50	03/25/24 15:09	
40275803027	NMW-7					
EPA 8260	1,1,1-Trichloroethane	8.0	ug/L	1.0	03/27/24 01:23	
EPA 8260	1,1-Dichloroethane	3.2	ug/L	1.0	03/27/24 01:23	
EPA 8260	1,1-Dichloroethene	1.2	ug/L	1.0	03/27/24 01:23	
EPA 8260	Trichloroethene	70.6	ug/L	1.0	03/27/24 01:23	
EPA 8260	cis-1,2-Dichloroethene	0.80J	ug/L	1.0	03/27/24 01:23	
EPA 300.0	Sulfate	76.0	mg/L	10.0	04/06/24 00:19	
SM 5310C	Total Organic Carbon	2.6	mg/L	0.50	03/25/24 15:29	
40275803028	MW-23					
EPA 8260	Trichloroethene	2.3	ug/L	1.0	03/27/24 11:21	
EPA 8260	cis-1,2-Dichloroethene	1.1	ug/L	1.0	03/27/24 11:21	
EPA 300.0	Sulfate	478	mg/L	20.0	04/06/24 00:34	
SM 5310C	Total Organic Carbon	5.0	mg/L	0.50	03/25/24 15:47	
40275803029	MW-31					
EPA 8260	Trichloroethene	0.42J	ug/L	1.0	03/26/24 22:27	
EPA 300.0	Sulfate	48.9	mg/L	10.0	04/06/24 00:48	
SM 5310C	Total Organic Carbon	5.2	mg/L	1.5	03/26/24 02:01	
40275803031	CREEK-UPSTREAM					
EPA 8260	Trichloroethene	1.5	ug/L	1.0	03/26/24 23:06	
40275803032	CREEK-DOWNSTREAM					
EPA 8260	1,1,1-Trichloroethane	1.0	ug/L	1.0	03/26/24 23:26	
EPA 8260	1,1-Dichloroethane	0.51J	ug/L	1.0	03/26/24 23:26	

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SUMMARY OF DETECTION

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40275803032	CREEK-DOWNSTREAM					
EPA 8260	Trichloroethene	8.6	ug/L	1.0	03/26/24 23:26	
40275803034	HOBO SPRING					
EPA 8260	1,1,1-Trichloroethane	7.8	ug/L	1.0	03/27/24 01:42	
EPA 8260	1,1-Dichloroethane	3.6	ug/L	1.0	03/27/24 01:42	
EPA 8260	1,1-Dichloroethene	0.88J	ug/L	1.0	03/27/24 01:42	
EPA 8260	Trichloroethene	66.1	ug/L	1.0	03/27/24 01:42	
EPA 8260	cis-1,2-Dichloroethene	2.4	ug/L	1.0	03/27/24 01:42	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-47 Lab ID: 40275803001 Collected: 03/15/24 15:49 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 11:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 11:40	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 11:40	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 11:40	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 11:40	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 11:40	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/26/24 11:40	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 11:40	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 11:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 11:40	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/26/24 11:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/26/24 11:40	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/26/24 11:40	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-41 Lab ID: 40275803002 Collected: 03/18/24 10:22 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	36.3	ug/L	2.0	0.61	2		03/26/24 16:09	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	2.0	0.69	2		03/26/24 16:09	79-00-5	
1,1-Dichloroethane	13.0	ug/L	2.0	0.59	2		03/26/24 16:09	75-34-3	
1,1-Dichloroethene	3.0	ug/L	2.0	1.2	2		03/26/24 16:09	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		03/26/24 16:09	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		03/26/24 16:09	127-18-4	
Trichloroethene	201	ug/L	2.0	0.64	2		03/26/24 16:09	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		03/26/24 16:09	75-01-4	
cis-1,2-Dichloroethene	2.3	ug/L	2.0	0.94	2		03/26/24 16:09	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		03/26/24 16:09	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		2		03/26/24 16:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		2		03/26/24 16:09	2199-69-1	
Toluene-d8 (S)	103	%	70-130		2		03/26/24 16:09	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-35 Lab ID: 40275803003 Collected: 03/18/24 11:03 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	59.0	ug/L	2.5	0.76	2.5		03/26/24 15:48	71-55-6	
1,1,2-Trichloroethane	<0.86	ug/L	2.5	0.86	2.5		03/26/24 15:48	79-00-5	
1,1-Dichloroethane	23.9	ug/L	2.5	0.74	2.5		03/26/24 15:48	75-34-3	
1,1-Dichloroethene	5.5	ug/L	2.5	1.5	2.5		03/26/24 15:48	75-35-4	
1,2-Dichloroethane	<0.73	ug/L	2.5	0.73	2.5		03/26/24 15:48	107-06-2	
Tetrachloroethene	<1.0	ug/L	2.5	1.0	2.5		03/26/24 15:48	127-18-4	
Trichloroethene	401	ug/L	2.5	0.80	2.5		03/26/24 15:48	79-01-6	
Vinyl chloride	<0.44	ug/L	2.5	0.44	2.5		03/26/24 15:48	75-01-4	
cis-1,2-Dichloroethene	8.0	ug/L	2.5	1.2	2.5		03/26/24 15:48	156-59-2	
trans-1,2-Dichloroethene	<1.3	ug/L	2.5	1.3	2.5		03/26/24 15:48	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		2.5		03/26/24 15:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		2.5		03/26/24 15:48	2199-69-1	
Toluene-d8 (S)	102	%	70-130		2.5		03/26/24 15:48	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-40 **Lab ID: 40275803004** Collected: 03/18/24 11:37 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	31.2	ug/L	2.0	0.61	2		03/26/24 18:04	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	2.0	0.69	2		03/26/24 18:04	79-00-5	
1,1-Dichloroethane	11.4	ug/L	2.0	0.59	2		03/26/24 18:04	75-34-3	
1,1-Dichloroethene	2.7	ug/L	2.0	1.2	2		03/26/24 18:04	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		03/26/24 18:04	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		03/26/24 18:04	127-18-4	
Trichloroethene	188	ug/L	2.0	0.64	2		03/26/24 18:04	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		03/26/24 18:04	75-01-4	
cis-1,2-Dichloroethene	5.9	ug/L	2.0	0.94	2		03/26/24 18:04	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		03/26/24 18:04	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		2		03/26/24 18:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		2		03/26/24 18:04	2199-69-1	
Toluene-d8 (S)	101	%	70-130		2		03/26/24 18:04	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-48 Lab ID: 40275803005 Collected: 03/18/24 12:14 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 11:19	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 11:19	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 11:19	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 11:19	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 11:19	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 11:19	127-18-4	
Trichloroethene	0.38J	ug/L	1.0	0.32	1		03/26/24 11:19	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 11:19	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 11:19	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 11:19	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/26/24 11:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/26/24 11:19	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/26/24 11:19	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-50 Lab ID: 40275803006 Collected: 03/18/24 13:13 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	1.3	ug/L	1.0	0.30	1		03/26/24 13:44	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 13:44	79-00-5	
1,1-Dichloroethane	0.77J	ug/L	1.0	0.30	1		03/26/24 13:44	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 13:44	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 13:44	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 13:44	127-18-4	
Trichloroethene	13.2	ug/L	1.0	0.32	1		03/26/24 13:44	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 13:44	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 13:44	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 13:44	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/26/24 13:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/26/24 13:44	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/26/24 13:44	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-49 Lab ID: 40275803007 Collected: 03/18/24 13:55 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	2.2	ug/L	1.0	0.30	1		03/27/24 22:52	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/27/24 22:52	79-00-5	
1,1-Dichloroethane	0.86J	ug/L	1.0	0.30	1		03/27/24 22:52	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/27/24 22:52	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/27/24 22:52	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/27/24 22:52	127-18-4	
Trichloroethene	12.1	ug/L	1.0	0.32	1		03/27/24 22:52	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/27/24 22:52	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/27/24 22:52	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/27/24 22:52	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		03/27/24 22:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		03/27/24 22:52	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/27/24 22:52	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-42 **Lab ID: 40275803008** Collected: 03/18/24 14:35 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	20.5	ug/L	2.0	0.61	2		03/26/24 19:48	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	2.0	0.69	2		03/26/24 19:48	79-00-5	
1,1-Dichloroethane	8.5	ug/L	2.0	0.59	2		03/26/24 19:48	75-34-3	
1,1-Dichloroethene	1.7J	ug/L	2.0	1.2	2		03/26/24 19:48	75-35-4	
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		03/26/24 19:48	107-06-2	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		03/26/24 19:48	127-18-4	
Trichloroethene	122	ug/L	2.0	0.64	2		03/26/24 19:48	79-01-6	
Vinyl chloride	<0.35	ug/L	2.0	0.35	2		03/26/24 19:48	75-01-4	
cis-1,2-Dichloroethene	3.3	ug/L	2.0	0.94	2		03/26/24 19:48	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		03/26/24 19:48	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		2		03/26/24 19:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		2		03/26/24 19:48	2199-69-1	
Toluene-d8 (S)	102	%	70-130		2		03/26/24 19:48	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-34 Lab ID: 40275803009 Collected: 03/18/24 15:23 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 14:05	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 14:05	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 14:05	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 14:05	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 14:05	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 14:05	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/26/24 14:05	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 14:05	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 14:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 14:05	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/26/24 14:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		03/26/24 14:05	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/26/24 14:05	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: DUPLICATE 3 Lab ID: 40275803010 Collected: 03/18/24 00:00 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/27/24 23:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/27/24 23:13	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/27/24 23:13	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/27/24 23:13	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/27/24 23:13	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/27/24 23:13	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/27/24 23:13	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/27/24 23:13	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/27/24 23:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/27/24 23:13	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		03/27/24 23:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/27/24 23:13	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/27/24 23:13	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-24 Lab ID: 40275803011 Collected: 03/14/24 09:45 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/26/24 11:33	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/26/24 11:33	74-85-1	
Methane	3.2	ug/L	2.8	0.58	1		03/26/24 11:33	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/27/24 22:31	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/27/24 22:31	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	1.8	ug/L	1.0	0.30	1		03/27/24 23:34	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/27/24 23:34	79-00-5	
1,1-Dichloroethane	1.3	ug/L	1.0	0.30	1		03/27/24 23:34	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/27/24 23:34	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/27/24 23:34	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/27/24 23:34	127-18-4	
Trichloroethene	26.3	ug/L	1.0	0.32	1		03/27/24 23:34	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/27/24 23:34	75-01-4	
cis-1,2-Dichloroethene	1.9	ug/L	1.0	0.47	1		03/27/24 23:34	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/27/24 23:34	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/27/24 23:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/27/24 23:34	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		03/27/24 23:34	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	568	mg/L	40.0	8.9	20		04/05/24 22:05	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	4.2	mg/L	1.0	0.38	2		03/25/24 12:14	7440-44-0	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-24D **Lab ID: 40275803012** Collected: 03/14/24 10:39 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/26/24 11:40	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/26/24 11:40	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/26/24 11:40	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/28/24 17:09	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/28/24 17:09	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 14:26	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 14:26	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 14:26	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 14:26	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 14:26	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 14:26	127-18-4	
Trichloroethene	0.64J	ug/L	1.0	0.32	1		03/26/24 14:26	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 14:26	75-01-4	
cis-1,2-Dichloroethene	1.2	ug/L	1.0	0.47	1		03/26/24 14:26	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 14:26	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/26/24 14:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/26/24 14:26	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/26/24 14:26	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	20.2	mg/L	2.0	0.44	1		04/05/24 22:20	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.9	mg/L	1.0	0.38	2		03/25/24 13:04	7440-44-0	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-54 Lab ID: 40275803013 Collected: 03/15/24 09:30 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 12:01	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 12:01	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 12:01	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 12:01	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 12:01	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 12:01	127-18-4	
Trichloroethene	0.38J	ug/L	1.0	0.32	1		03/26/24 12:01	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 12:01	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 12:01	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 12:01	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/26/24 12:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		03/26/24 12:01	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/26/24 12:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-53 Lab ID: 40275803014 Collected: 03/15/24 10:20 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 12:21	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 12:21	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 12:21	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 12:21	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 12:21	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 12:21	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/26/24 12:21	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 12:21	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 12:21	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 12:21	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		03/26/24 12:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		03/26/24 12:21	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		03/26/24 12:21	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-29D Lab ID: 40275803015 Collected: 03/15/24 11:51 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 15:07	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 15:07	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 15:07	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 15:07	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 15:07	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 15:07	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/26/24 15:07	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 15:07	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 15:07	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 15:07	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/26/24 15:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		03/26/24 15:07	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		03/26/24 15:07	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-29 Lab ID: 40275803016 Collected: 03/15/24 12:24 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	10.7	ug/L	1.0	0.30	1		03/26/24 15:28	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 15:28	79-00-5	
1,1-Dichloroethane	5.3	ug/L	1.0	0.30	1		03/26/24 15:28	75-34-3	
1,1-Dichloroethene	0.94J	ug/L	1.0	0.58	1		03/26/24 15:28	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 15:28	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 15:28	127-18-4	
Trichloroethene	80.7	ug/L	1.0	0.32	1		03/26/24 15:28	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 15:28	75-01-4	
cis-1,2-Dichloroethene	4.6	ug/L	1.0	0.47	1		03/26/24 15:28	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 15:28	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/26/24 15:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/26/24 15:28	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/26/24 15:28	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-52 Lab ID: 40275803017 Collected: 03/15/24 13:23 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 12:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 12:42	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 12:42	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 12:42	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 12:42	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 12:42	127-18-4	
Trichloroethene	3.9	ug/L	1.0	0.32	1		03/26/24 12:42	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 12:42	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 12:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 12:42	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/26/24 12:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		03/26/24 12:42	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/26/24 12:42	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-51 Lab ID: 40275803018 Collected: 03/15/24 14:05 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 13:03	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 13:03	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 13:03	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 13:03	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 13:03	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 13:03	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/26/24 13:03	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 13:03	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 13:03	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 13:03	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/26/24 13:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		03/26/24 13:03	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		03/26/24 13:03	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-46 **Lab ID: 40275803019** Collected: 03/15/24 14:59 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 13:24	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 13:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 13:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 13:24	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 13:24	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 13:24	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/26/24 13:24	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 13:24	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 13:24	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 13:24	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/26/24 13:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		03/26/24 13:24	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/26/24 13:24	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: **DUPLICATE 2** Lab ID: **40275803020** Collected: 03/15/24 00:00 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	10.1	ug/L	1.0	0.30	1		03/28/24 09:50	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/28/24 09:50	79-00-5	
1,1-Dichloroethane	4.7	ug/L	1.0	0.30	1		03/28/24 09:50	75-34-3	
1,1-Dichloroethene	1.1	ug/L	1.0	0.58	1		03/28/24 09:50	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/28/24 09:50	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/28/24 09:50	127-18-4	
Trichloroethene	70.0	ug/L	1.0	0.32	1		03/28/24 09:50	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/28/24 09:50	75-01-4	
cis-1,2-Dichloroethene	4.5	ug/L	1.0	0.47	1		03/28/24 09:50	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/28/24 09:50	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/28/24 09:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		03/28/24 09:50	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/28/24 09:50	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-28 **Lab ID: 40275803021** Collected: 03/18/24 15:57 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 22:07	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 22:07	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 22:07	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 22:07	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 22:07	107-06-2	
Tetrachloroethene	0.62J	ug/L	1.0	0.41	1		03/26/24 22:07	127-18-4	
Trichloroethene	1.1	ug/L	1.0	0.32	1		03/26/24 22:07	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 22:07	75-01-4	
cis-1,2-Dichloroethene	1.0	ug/L	1.0	0.47	1		03/26/24 22:07	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 22:07	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/26/24 22:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		03/26/24 22:07	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/26/24 22:07	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-33 Lab ID: 40275803022 Collected: 03/19/24 09:43 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/27/24 00:24	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/27/24 00:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/27/24 00:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/27/24 00:24	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/27/24 00:24	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/27/24 00:24	127-18-4	
Trichloroethene	3.2	ug/L	1.0	0.32	1		03/27/24 00:24	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/27/24 00:24	75-01-4	
cis-1,2-Dichloroethene	1.0	ug/L	1.0	0.47	1		03/27/24 00:24	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/27/24 00:24	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/27/24 00:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		03/27/24 00:24	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/27/24 00:24	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-43 **Lab ID: 40275803023** Collected: 03/19/24 10:28 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	1.1J	ug/L	5.6	0.39	1		03/27/24 10:33	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/27/24 10:33	74-85-1	
Methane	242	ug/L	2.8	0.58	1		03/27/24 10:33	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	721	ug/L	100	29.6	1		03/27/24 22:42	7439-89-6	
Manganese, Dissolved	438	ug/L	5.0	1.1	1		03/27/24 22:42	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/27/24 00:44	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/27/24 00:44	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/27/24 00:44	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/27/24 00:44	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/27/24 00:44	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/27/24 00:44	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/27/24 00:44	79-01-6	
Vinyl chloride	1.4	ug/L	1.0	0.17	1		03/27/24 00:44	75-01-4	
cis-1,2-Dichloroethene	0.77J	ug/L	1.0	0.47	1		03/27/24 00:44	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/27/24 00:44	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/27/24 00:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		03/27/24 00:44	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/27/24 00:44	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	734	mg/L	40.0	8.9	20		04/05/24 22:35	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	7.1	mg/L	1.5	0.57	3		03/25/24 13:19	7440-44-0	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: NMW-8R **Lab ID: 40275803024** Collected: 03/19/24 11:25 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/27/24 10:39	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/27/24 10:39	74-85-1	
Methane	1.8J	ug/L	2.8	0.58	1		03/27/24 10:39	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/27/24 22:44	7439-89-6	
Manganese, Dissolved	1.2J	ug/L	5.0	1.1	1		03/27/24 22:44	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	37.9	ug/L	1.0	0.30	1		03/27/24 01:03	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/27/24 01:03	79-00-5	
1,1-Dichloroethane	14.0	ug/L	1.0	0.30	1		03/27/24 01:03	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/27/24 01:03	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/27/24 01:03	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/27/24 01:03	127-18-4	
Trichloroethene	171	ug/L	1.0	0.32	1		03/27/24 01:03	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/27/24 01:03	75-01-4	
cis-1,2-Dichloroethene	2.8	ug/L	1.0	0.47	1		03/27/24 01:03	156-59-2	
trans-1,2-Dichloroethene	0.53J	ug/L	1.0	0.53	1		03/27/24 01:03	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/27/24 01:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		03/27/24 01:03	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/27/24 01:03	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	869	mg/L	100	22.2	50		04/05/24 22:50	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.1	mg/L	0.50	0.19	1		03/25/24 14:10	7440-44-0	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-30 Lab ID: 40275803025 Collected: 03/19/24 12:26 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/27/24 10:47	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/27/24 10:47	74-85-1	
Methane	21.3	ug/L	2.8	0.58	1		03/27/24 10:47	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/27/24 22:46	7439-89-6	
Manganese, Dissolved	21.4	ug/L	5.0	1.1	1		03/27/24 22:46	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	35.1	ug/L	20.0	6.1	20		03/27/24 02:02	71-55-6	
1,1,2-Trichloroethane	<6.9	ug/L	20.0	6.9	20		03/27/24 02:02	79-00-5	
1,1-Dichloroethane	33.1	ug/L	20.0	5.9	20		03/27/24 02:02	75-34-3	
1,1-Dichloroethene	15.2J	ug/L	20.0	11.6	20		03/27/24 02:02	75-35-4	
1,2-Dichloroethane	<5.8	ug/L	20.0	5.8	20		03/27/24 02:02	107-06-2	
Tetrachloroethene	<8.2	ug/L	20.0	8.2	20		03/27/24 02:02	127-18-4	
Trichloroethene	955	ug/L	20.0	6.4	20		03/27/24 02:02	79-01-6	
Vinyl chloride	<3.5	ug/L	20.0	3.5	20		03/27/24 02:02	75-01-4	
cis-1,2-Dichloroethene	24.1	ug/L	20.0	9.4	20		03/27/24 02:02	156-59-2	
trans-1,2-Dichloroethene	<10.6	ug/L	20.0	10.6	20		03/27/24 02:02	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		20		03/27/24 02:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		20		03/27/24 02:02	2199-69-1	
Toluene-d8 (S)	103	%	70-130		20		03/27/24 02:02	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	182	mg/L	20.0	4.4	10		04/05/24 23:04	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.1	mg/L	0.50	0.19	1		03/25/24 14:29	7440-44-0	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: NMW-1 **Lab ID: 40275803026** Collected: 03/19/24 13:21 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/27/24 10:54	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/27/24 10:54	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/27/24 10:54	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/27/24 22:52	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/27/24 22:52	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	67.1	ug/L	4.0	1.2	4		03/27/24 02:41	71-55-6	
1,1,2-Trichloroethane	<1.4	ug/L	4.0	1.4	4		03/27/24 02:41	79-00-5	
1,1-Dichloroethane	27.6	ug/L	4.0	1.2	4		03/27/24 02:41	75-34-3	
1,1-Dichloroethene	<2.3	ug/L	4.0	2.3	4		03/27/24 02:41	75-35-4	
1,2-Dichloroethane	<1.2	ug/L	4.0	1.2	4		03/27/24 02:41	107-06-2	
Tetrachloroethene	<1.6	ug/L	4.0	1.6	4		03/27/24 02:41	127-18-4	
Trichloroethene	450	ug/L	4.0	1.3	4		03/27/24 02:41	79-01-6	
Vinyl chloride	<0.70	ug/L	4.0	0.70	4		03/27/24 02:41	75-01-4	
cis-1,2-Dichloroethene	4.6	ug/L	4.0	1.9	4		03/27/24 02:41	156-59-2	
trans-1,2-Dichloroethene	<2.1	ug/L	4.0	2.1	4		03/27/24 02:41	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		4		03/27/24 02:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		4		03/27/24 02:41	2199-69-1	
Toluene-d8 (S)	104	%	70-130		4		03/27/24 02:41	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	77.3	mg/L	10.0	2.2	5		04/05/24 23:19	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.3	mg/L	0.50	0.19	1		03/25/24 15:09	7440-44-0	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: **NMW-7** Lab ID: **40275803027** Collected: 03/19/24 14:04 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/27/24 11:00	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/27/24 11:00	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/27/24 11:00	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/27/24 22:54	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/27/24 22:54	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	8.0	ug/L	1.0	0.30	1		03/27/24 01:23	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/27/24 01:23	79-00-5	
1,1-Dichloroethane	3.2	ug/L	1.0	0.30	1		03/27/24 01:23	75-34-3	
1,1-Dichloroethene	1.2	ug/L	1.0	0.58	1		03/27/24 01:23	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/27/24 01:23	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/27/24 01:23	127-18-4	
Trichloroethene	70.6	ug/L	1.0	0.32	1		03/27/24 01:23	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/27/24 01:23	75-01-4	
cis-1,2-Dichloroethene	0.80J	ug/L	1.0	0.47	1		03/27/24 01:23	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/27/24 01:23	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/27/24 01:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		03/27/24 01:23	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/27/24 01:23	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	76.0	mg/L	10.0	2.2	5		04/06/24 00:19	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.6	mg/L	0.50	0.19	1		03/25/24 15:29	7440-44-0	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-23 **Lab ID: 40275803028** Collected: 03/19/24 14:51 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/27/24 11:08	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/27/24 11:08	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/27/24 11:08	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/27/24 22:56	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/27/24 22:56	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/27/24 11:21	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/27/24 11:21	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/27/24 11:21	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/27/24 11:21	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/27/24 11:21	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/27/24 11:21	127-18-4	
Trichloroethene	2.3	ug/L	1.0	0.32	1		03/27/24 11:21	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/27/24 11:21	75-01-4	
cis-1,2-Dichloroethene	1.1	ug/L	1.0	0.47	1		03/27/24 11:21	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/27/24 11:21	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/27/24 11:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		03/27/24 11:21	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/27/24 11:21	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	478	mg/L	20.0	4.4	10		04/06/24 00:34	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	5.0	mg/L	0.50	0.19	1		03/25/24 15:47	7440-44-0	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: MW-31 **Lab ID: 40275803029** Collected: 03/19/24 15:26 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		03/27/24 11:15	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		03/27/24 11:15	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		03/27/24 11:15	74-82-8	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D									
Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		03/27/24 22:58	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		03/27/24 22:58	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 22:27	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 22:27	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 22:27	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 22:27	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 22:27	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 22:27	127-18-4	
Trichloroethene	0.42J	ug/L	1.0	0.32	1		03/26/24 22:27	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 22:27	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 22:27	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 22:27	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/26/24 22:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		03/26/24 22:27	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		03/26/24 22:27	2037-26-5	
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	48.9	mg/L	10.0	2.2	5		04/06/24 00:48	14808-79-8	
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	5.2	mg/L	1.5	0.57	3		03/26/24 02:01	7440-44-0	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: NMW-4 Lab ID: 40275803030 Collected: 03/19/24 16:09 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 22:46	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 22:46	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 22:46	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 22:46	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 22:46	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 22:46	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/26/24 22:46	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 22:46	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 22:46	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 22:46	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/26/24 22:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		03/26/24 22:46	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		03/26/24 22:46	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: CREEK-UPSTREAM Lab ID: 40275803031 Collected: 03/20/24 09:15 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 23:06	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 23:06	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 23:06	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 23:06	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 23:06	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 23:06	127-18-4	
Trichloroethene	1.5	ug/L	1.0	0.32	1		03/26/24 23:06	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 23:06	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 23:06	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 23:06	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/26/24 23:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		03/26/24 23:06	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		03/26/24 23:06	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: CREEK-DOWNSTREAM **Lab ID: 40275803032** Collected: 03/20/24 09:45 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1-Trichloroethane	1.0	ug/L	1.0	0.30	1		03/26/24 23:26	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 23:26	79-00-5	
1,1-Dichloroethane	0.51J	ug/L	1.0	0.30	1		03/26/24 23:26	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 23:26	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 23:26	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 23:26	127-18-4	
Trichloroethene	8.6	ug/L	1.0	0.32	1		03/26/24 23:26	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 23:26	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 23:26	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 23:26	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/26/24 23:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		03/26/24 23:26	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/26/24 23:26	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: TRIP BLANK Lab ID: 40275803033 Collected: 03/20/24 00:00 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 21:08	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/26/24 21:08	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		03/26/24 21:08	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		03/26/24 21:08	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/26/24 21:08	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/26/24 21:08	127-18-4	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		03/26/24 21:08	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/26/24 21:08	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		03/26/24 21:08	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/26/24 21:08	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/26/24 21:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		03/26/24 21:08	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		03/26/24 21:08	2037-26-5	

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ANALYTICAL RESULTS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Sample: HOBO SPRING **Lab ID: 40275803034** Collected: 03/20/24 09:37 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1-Trichloroethane	7.8	ug/L	1.0	0.30	1		03/27/24 01:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		03/27/24 01:42	79-00-5	
1,1-Dichloroethane	3.6	ug/L	1.0	0.30	1		03/27/24 01:42	75-34-3	
1,1-Dichloroethene	0.88J	ug/L	1.0	0.58	1		03/27/24 01:42	75-35-4	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		03/27/24 01:42	107-06-2	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		03/27/24 01:42	127-18-4	
Trichloroethene	66.1	ug/L	1.0	0.32	1		03/27/24 01:42	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/27/24 01:42	75-01-4	
cis-1,2-Dichloroethene	2.4	ug/L	1.0	0.47	1		03/27/24 01:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		03/27/24 01:42	156-60-5	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/27/24 01:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		03/27/24 01:42	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		03/27/24 01:42	2037-26-5	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

QC Batch:	470065	Analysis Method:	EPA 8015B Modified
QC Batch Method:	EPA 8015B Modified	Analysis Description:	Methane, Ethane, Ethene GCV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40275803011, 40275803012

METHOD BLANK: 2692920 Matrix: Water

Associated Lab Samples: 40275803011, 40275803012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	03/26/24 08:16	
Ethene	ug/L	<0.25	5.0	03/26/24 08:16	
Methane	ug/L	<0.58	2.8	03/26/24 08:16	

LABORATORY CONTROL SAMPLE & LCSD: 2692921 2692922

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	55.0	57.7	103	108	80-120	5	20	
Ethene	ug/L	50	51.1	53.4	102	107	80-120	4	20	
Methane	ug/L	28.6	28.3	29.8	99	104	80-120	5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692923 2692924

Parameter	Units	40275759021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.39	53.6	53.6	51.6	52.1	96	97	77-120	1	20	
Ethene	ug/L	<0.25	50	50	48.1	49.1	96	98	76-120	2	20	
Methane	ug/L	8.0	28.6	28.6	38.0	40.5	105	114	12-198	7	26	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

QC Batch:	470201	Analysis Method:	EPA 8015B Modified
QC Batch Method:	EPA 8015B Modified	Analysis Description:	Methane, Ethane, Ethene GCV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40275803023, 40275803024, 40275803025, 40275803026, 40275803027, 40275803028, 40275803029

METHOD BLANK: 2693475 Matrix: Water
 Associated Lab Samples: 40275803023, 40275803024, 40275803025, 40275803026, 40275803027, 40275803028, 40275803029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	03/27/24 09:51	
Ethene	ug/L	<0.25	5.0	03/27/24 09:51	
Methane	ug/L	<0.58	2.8	03/27/24 09:51	

LABORATORY CONTROL SAMPLE & LCSD: 2693476 2693477

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	56.4	61.1	105	114	80-120	8	20	
Ethene	ug/L	50	52.6	56.9	105	114	80-120	8	20	
Methane	ug/L	28.6	29.3	32.0	103	112	80-120	9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2693707 2693708

Parameter	Units	40275803026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.39	53.6	53.6	57.6	61.3	108	114	77-120	6	20	
Ethene	ug/L	<0.25	50	50	53.7	57.3	107	115	76-120	7	20	
Methane	ug/L	<0.58	28.6	28.6	29.9	32.2	105	113	12-198	7	26	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

QC Batch: 469924 Analysis Method: EPA 6010D
 QC Batch Method: EPA 6010D Analysis Description: ICP Metals, Trace, Dissolved
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40275803011, 40275803012, 40275803023, 40275803024, 40275803025, 40275803026, 40275803027, 40275803028, 40275803029

METHOD BLANK: 2692467 Matrix: Water
 Associated Lab Samples: 40275803011, 40275803012, 40275803023, 40275803024, 40275803025, 40275803026, 40275803027, 40275803028, 40275803029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	03/27/24 22:27	
Manganese, Dissolved	ug/L	<1.1	5.0	03/27/24 22:27	

LABORATORY CONTROL SAMPLE: 2692468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	9840	98	80-120	
Manganese, Dissolved	ug/L	250	262	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692469 2692470

Parameter	Units	2692469		2692470		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Iron, Dissolved	ug/L	<29.6	10000	10800	10900	108	109	75-125	1	20	
Manganese, Dissolved	ug/L	<1.1	250	264	264	106	105	75-125	0	20	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

QC Batch: 469853 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275803001, 40275803002, 40275803003, 40275803004, 40275803005, 40275803006, 40275803007, 40275803008, 40275803009, 40275803010, 40275803011, 40275803012, 40275803013, 40275803014, 40275803015, 40275803016, 40275803017, 40275803018, 40275803019, 40275803020

METHOD BLANK: 2691729 Matrix: Water
Associated Lab Samples: 40275803001, 40275803002, 40275803003, 40275803004, 40275803005, 40275803006, 40275803007, 40275803008, 40275803009, 40275803010, 40275803011, 40275803012, 40275803013, 40275803014, 40275803015, 40275803016, 40275803017, 40275803018, 40275803019, 40275803020

Table with 6 columns: Parameter, Units, Blank Result, Reporting Limit, Analyzed, Qualifiers. Lists various chemical compounds and their analysis results.

LABORATORY CONTROL SAMPLE: 2691730

Table with 7 columns: Parameter, Units, Spike Conc., LCS Result, LCS % Rec, % Rec Limits, Qualifiers. Shows laboratory control sample results for various chemical compounds.

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692338 2692339												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40275803005 Result	Spike Conc.	Spike Conc.	MS Result							
1,1,1-Trichloroethane	ug/L	<0.30	50	50	52.5	53.1	105	106	70-132	1	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.7	49.3	101	99	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	51.2	50.3	102	101	70-131	2	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	51.4	53.2	103	106	69-146	3	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	49.7	49.6	99	99	70-130	0	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.5	53.1	105	106	70-130	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	53.7	53.3	107	107	70-131	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	58.5	57.9	117	116	70-135	1	20	
Trichloroethene	ug/L	0.38J	50	50	50.2	51.9	100	103	70-130	3	20	
Vinyl chloride	ug/L	<0.17	50	50	52.8	53.7	106	107	45-147	2	20	
1,2-Dichlorobenzene-d4 (S)	%						97	98	70-130			
4-Bromofluorobenzene (S)	%						106	105	70-130			
Toluene-d8 (S)	%						103	104	70-130			

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

QC Batch:	469854	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275803021, 40275803022, 40275803023, 40275803024, 40275803025, 40275803026, 40275803027, 40275803028, 40275803029, 40275803030, 40275803031, 40275803032, 40275803033, 40275803034		

METHOD BLANK: 2691732 Matrix: Water
 Associated Lab Samples: 40275803021, 40275803022, 40275803023, 40275803024, 40275803025, 40275803026, 40275803027, 40275803028, 40275803029, 40275803030, 40275803031, 40275803032, 40275803033, 40275803034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/26/24 19:10	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/26/24 19:10	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/26/24 19:10	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/26/24 19:10	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/26/24 19:10	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/26/24 19:10	
Tetrachloroethene	ug/L	<0.41	1.0	03/26/24 19:10	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/26/24 19:10	
Trichloroethene	ug/L	<0.32	1.0	03/26/24 19:10	
Vinyl chloride	ug/L	<0.17	1.0	03/26/24 19:10	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	03/26/24 19:10	
4-Bromofluorobenzene (S)	%	99	70-130	03/26/24 19:10	
Toluene-d8 (S)	%	102	70-130	03/26/24 19:10	

LABORATORY CONTROL SAMPLE: 2691733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.1	102	70-132	
1,1,2-Trichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethane	ug/L	50	51.9	104	70-130	
1,1-Dichloroethene	ug/L	50	54.7	109	73-140	
1,2-Dichloroethane	ug/L	50	56.4	113	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	70-130	
Tetrachloroethene	ug/L	50	51.2	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.8	110	70-131	
Trichloroethene	ug/L	50	53.8	108	70-130	
Vinyl chloride	ug/L	50	51.9	104	51-145	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692336 2692337

Parameter	Units	40275778003 Result	MS Spike		MSD Spike		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Conc.	Conc.	Result	Result						
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.2	52.1	100	104	70-132	4	20	

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692336		2692337		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40275778003 Result	MS Spike Conc.	MSD Spike Conc.									
1,1,2-Trichloroethane	ug/L	<0.34	50	50	53.3	52.6	107	105	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	51.9	51.5	104	103	70-131	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	53.3	54.5	107	109	69-146	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	51.8	56.2	104	112	70-130	8	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	47.9	49.2	96	98	70-130	3	20		
Tetrachloroethene	ug/L	1.1	50	50	52.8	52.8	103	103	70-131	0	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	54.1	55.5	108	111	70-135	2	20		
Trichloroethene	ug/L	<0.32	50	50	51.0	52.3	102	105	70-130	3	20		
Vinyl chloride	ug/L	<0.17	50	50	50.8	52.6	102	105	45-147	4	20		
1,2-Dichlorobenzene-d4 (S)	%						98	101	70-130				
4-Bromofluorobenzene (S)	%						99	99	70-130				
Toluene-d8 (S)	%						103	103	70-130				

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

QC Batch:	470881	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40275803011, 40275803012, 40275803023, 40275803024, 40275803025, 40275803026, 40275803027, 40275803028, 40275803029		

METHOD BLANK:	2696934	Matrix:	Water
Associated Lab Samples:	40275803011, 40275803012, 40275803023, 40275803024, 40275803025, 40275803026, 40275803027, 40275803028, 40275803029		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	04/05/24 19:51	

LABORATORY CONTROL SAMPLE: 2696935						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.2	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2696936												2696937	
Parameter	Units	40275888006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Sulfate	mg/L	1220	1000	1000	2250	2250	103	103	90-110	0	15		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2696938												2696939	
Parameter	Units	40275945008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Sulfate	mg/L	16.3	20	20	36.9	37.2	103	104	90-110	1	15		

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QUALITY CONTROL DATA

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

QC Batch:	469944	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40275803011, 40275803012, 40275803023, 40275803024, 40275803025, 40275803026, 40275803027, 40275803028, 40275803029

METHOD BLANK: 2692567 Matrix: Water

Associated Lab Samples: 40275803011, 40275803012, 40275803023, 40275803024, 40275803025, 40275803026, 40275803027, 40275803028, 40275803029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.19	0.50	03/25/24 10:36	

LABORATORY CONTROL SAMPLE: 2692568

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.2	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692569 2692570

Parameter	Units	40275803011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	4.2	12	12	15.7	15.3	96	93	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692571 2692572

Parameter	Units	40275803023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	7.1	18	18	23.8	24.1	93	95	80-120	1	10	

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QUALIFIERS

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

DL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275803011	MW-24	EPA 8015B Modified	470065		
40275803012	MW-24D	EPA 8015B Modified	470065		
40275803023	MW-43	EPA 8015B Modified	470201		
40275803024	NMW-8R	EPA 8015B Modified	470201		
40275803025	MW-30	EPA 8015B Modified	470201		
40275803026	NMW-1	EPA 8015B Modified	470201		
40275803027	NMW-7	EPA 8015B Modified	470201		
40275803028	MW-23	EPA 8015B Modified	470201		
40275803029	MW-31	EPA 8015B Modified	470201		
40275803011	MW-24	EPA 6010D	469924		
40275803012	MW-24D	EPA 6010D	469924		
40275803023	MW-43	EPA 6010D	469924		
40275803024	NMW-8R	EPA 6010D	469924		
40275803025	MW-30	EPA 6010D	469924		
40275803026	NMW-1	EPA 6010D	469924		
40275803027	NMW-7	EPA 6010D	469924		
40275803028	MW-23	EPA 6010D	469924		
40275803029	MW-31	EPA 6010D	469924		
40275803001	MW-47	EPA 8260	469853		
40275803002	MW-41	EPA 8260	469853		
40275803003	MW-35	EPA 8260	469853		
40275803004	MW-40	EPA 8260	469853		
40275803005	MW-48	EPA 8260	469853		
40275803006	MW-50	EPA 8260	469853		
40275803007	MW-49	EPA 8260	469853		
40275803008	MW-42	EPA 8260	469853		
40275803009	MW-34	EPA 8260	469853		
40275803010	DUPLICATE 3	EPA 8260	469853		
40275803011	MW-24	EPA 8260	469853		
40275803012	MW-24D	EPA 8260	469853		
40275803013	MW-54	EPA 8260	469853		
40275803014	MW-53	EPA 8260	469853		
40275803015	MW-29D	EPA 8260	469853		
40275803016	MW-29	EPA 8260	469853		
40275803017	MW-52	EPA 8260	469853		
40275803018	MW-51	EPA 8260	469853		
40275803019	MW-46	EPA 8260	469853		
40275803020	DUPLICATE 2	EPA 8260	469853		
40275803021	MW-28	EPA 8260	469854		
40275803022	MW-33	EPA 8260	469854		
40275803023	MW-43	EPA 8260	469854		
40275803024	NMW-8R	EPA 8260	469854		
40275803025	MW-30	EPA 8260	469854		
40275803026	NMW-1	EPA 8260	469854		
40275803027	NMW-7	EPA 8260	469854		
40275803028	MW-23	EPA 8260	469854		
40275803029	MW-31	EPA 8260	469854		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11717 NAVISTAR 1Q24

Pace Project No.: 40275803

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275803030	NMW-4	EPA 8260	469854		
40275803031	CREEK-UPSTREAM	EPA 8260	469854		
40275803032	CREEK-DOWNSTREAM	EPA 8260	469854		
40275803033	TRIP BLANK	EPA 8260	469854		
40275803034	HOBO SPRING	EPA 8260	469854		
40275803011	MW-24	EPA 300.0	470881		
40275803012	MW-24D	EPA 300.0	470881		
40275803023	MW-43	EPA 300.0	470881		
40275803024	NMW-8R	EPA 300.0	470881		
40275803025	MW-30	EPA 300.0	470881		
40275803026	NMW-1	EPA 300.0	470881		
40275803027	NMW-7	EPA 300.0	470881		
40275803028	MW-23	EPA 300.0	470881		
40275803029	MW-31	EPA 300.0	470881		
40275803011	MW-24	SM 5310C	469944		
40275803012	MW-24D	SM 5310C	469944		
40275803023	MW-43	SM 5310C	469944		
40275803024	NMW-8R	SM 5310C	469944		
40275803025	MW-30	SM 5310C	469944		
40275803026	NMW-1	SM 5310C	469944		
40275803027	NMW-7	SM 5310C	469944		
40275803028	MW-23	SM 5310C	469944		
40275803029	MW-31	SM 5310C	469944		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here



4025803

Scan QR Code for instructions

Company Name: KPRG AND ASSOCIATES, INC.
 Street Address: 14665 W. Lisbon Road, Suite 1A
 Brookfield, WI 53005
 Customer Project #: 11717
 Project Name: NAVISTAR 1Q24
 Site Collection Info/Facility ID (as applicable):

Contact/Report To: Rich Gnat
 Phone #: 262-781-0475
 E-Mail: richardg@kprginc.com
 Cc E-Mail:
 Invoice To: AP-Attn Kelly
 Invoice E-Mail: admindesk@kprginc.com
 Purchase Order # (if applicable)
 Quote #:

Specify Container Size **
 10 3 10 3 4
 Identify Container Preservative Type***
 4 2 4 1 3
 Analysis Requested

Time Zone Collected. [] AK [] PT [] MT [X] CT [] ET
 County / State origin of sample(s). Wisconsin
 Data Deliverables:
 [] Level II [] Level III [] Level IV
 [] EQUIS
 [] Other

Regulatory Program (DW, RCRA, etc) as applicable: Reportable [] Yes [] No
 Rush (Pre-approval required):
 [] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other
 DW PWSID # or WW Permit # as applicable:
 Date Results Requested: Standard
 Field Filtered (if applicable). [X] Yes [] No
 Analysis: iron/manganese

CVOC	Iron/Manganese, dissolved	Methane, Ethane, Ethene	Sulfate	TOC
------	---------------------------	-------------------------	---------	-----

Proj. Mgr:
 Dan Milewsky
 AcctNum / Client ID:
 Table #:
 Profile / Template:
 463
 Prelog / Bottle Ord. ID:
 EZ 3074227
 Sample Comment

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine		CVOC	Iron/Manganese, dissolved	Methane, Ethane, Ethene	Sulfate	TOC					
			Date	Time	Date	Time		Results	Units										
MW-47	GW	G			3/15/24	1549	3			X									
MW-41					3/18/24	1022	3			X									
MW-35					3/18/24	1103	3			X									
MW-40					3/18/24	1137	3			X									
MW-48					3/18/24	1214	3			X									
MW-50					3/18/24	1313	3			X									
MW-49					3/18/24	1355	3			X									
MW-42					3/18/24	1435	3			X									
MW-34					3/18/24	1523	3			X									
Duplicate 3					3/18/24	-	3			X									

Lab Use Only
 Preservation non-conformance identified for sample

Additional Instructions from Pace*

Collected By: Kaelyn Sperle
 Signature: Kaelyn Sperle

Customer Remarks / Special Conditions / Possible Hazards:
 # Coolers Thermometer ID Correction Factor (°C) Obs Temp (°C) Corrected Temp (°C) On Ice

Relinquished by/Company (Signature): [Signature] KPRG
 Date/Time: 3/20/24 1045
 Relinquished by/Company (Signature): [Signature]
 Date/Time: 3/11/24 0900
 Relinquished by/Company (Signature): [Signature]
 Date/Time:
 Relinquished by/Company (Signature):
 Date/Time:

Received by/Company (Signature):
 Date/Time:
 Received by/Company (Signature): [Signature]
 Date/Time: 3/11/24 0900
 Received by/Company (Signature): [Signature]
 Date/Time:

Tracking Number
 Delivered by [] In-Person [] Courier
 [] FedEx [] UPS [] Other
 Page: 1 of 4

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: KPRG

WO#: 40275803

Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____



Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other: _____

Thermometer Used SR-139 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr. 0.0 / Corr. 0.0

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
 Date: 3/6/21 / Initials: SG
 Labeled By Initials: SKW

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay, Pace IR, Non-Pace</u>		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>515</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample log